FEEDSTUFFS SUBJECT INDEX
FOR ENTIRE YEAR 1973

ADVERTISING
45% OF FEED MARKETERS PLAN INCREASES IN ADVERTISING, PROMOTION BUDGETS IN 1973-74 .....OCT 01 P. 25
FEED ADVERTISING: DON'T CLAIM ANYTHING THAT CAN'T BE PROVEN .....OCT 01 P. 31
VARIETY OF AD SERVICES AVAILABLE TO FEED MANUFACTURERS, MARKETERS .....OCT 01 P. 32
SUCCESSFUL PUBLIC RELATIONS EFFORTS REQUIRE PLANNING, COUNSELING, PR MEN TOLD .....OCT 01 P. 43
MORE AD AGENCIES COMING .....OCT 08 P. 8
ADVERTISING, OTHER MARKETING SERVICES AVAILABLE TO AGRI-BUSINESSES .....NOV 19 P. 24

AFLATOXIN
USDA REPORTS ON WORK WITH AFLATOXIN TEST, GRAIN INSPECTION .....MAR 12 P. 9
ULTRA VIOLET LIGHT TESTS FOR AFLATOXIN .....JUN 25 P. 37
POULTRY SCIENTIST CONNECTS AFLATOXINS WITH BRUISES .....JUN 25 P. 43
STUDY SHOWS LIMITED DANGER OF AFLATOXIN EFFECTS .....AUG 13 P. 1
AFLATOXIN STUDIES UNDERWAY BUT RESULTS NOT CONCLUSIVE .....DEC 17 P. 7

AGRIBUSINESS
FUTURE PROSPECTS FOR U.S. ANIMAL AGRICULTURE .....JAN 01 P. 12
URGES EFFORT TO DEFEND FARMERS ON FOOD CHARGES .....JAN 01 P. 26
CITING RECORD FARM PRODUCTION AND TRADE, BUTZ SEES 1973 AS 'BANNER YEAR' FOR AGRICULTURE .....JAN 08 P. 6
AGRICULTURE'S INVESTMENT RETURN UNIMPRESSIVE, SAYS SPEAKER .....FEB 26 P. 8
AGRICULTURAL TRENDS HEADING IN WRONG DIRECTION: ECONOMIST .....MAR 05 P. 3
CONAGRA'S FLAGG: COMMUNICATE WITH YOUR CONGRESSMEN .....APR 23 P. 6
CONNALLY SEES LABOR, BUSINESS COOPERATING MORE .....MAY 21 P. 7
GROUPS WORKING TO IMPROVE IMAGE OF AGRICULTURE AGREE TO MERGE .....AUG 13 P. 5
PRODUCER UNCERTAINTY CALLED BIG FACTOR IN RISING U.S. FOOD PRICES .....AUG 20 P. 1
AGRICULTURE'S IMPORTANT ROLE NOT APPRECIATED BY MANY: HUMPHREY .....SEP 03 P. 2
JAPAN INDUSTRIALISTS LOOKING AT IOWA .....SEP 03 P. 23
AG IMAGE GROUP KICKS OFF 3-STEP PROGRAM .....SEP 24 P. 2
FORUM PANEL EXAMINES EFFECTS OF CHANGING WORLD ON AGRIBUSINESS .....OCT 01 P. 1
CONTINUED PRICE UNCERTAINTY SEEN FOR LONG-TERM .....OCT 08 P. 1
EXPOSURE OF U.S. COMMODITIES TO NEW MARKETS REQUIRES RETHINKING OF POLICIES .....OCT 08 P. 4
PFIZER'S PRATT ASKS FAIRNESS IN TAXING MULTINATIONAL FIRMS .....OCT 08 P. 4
COMMITTEES NAMED TO 'CLOSE FARMER-CONSUMER GAP' .....OCT 08 P. 8
NEED FOR MORE MANAGEMENT, FEED EFFICIENCY CITED .....OCT 15 P. 1
WEATHER MAJOR FACTOR IN FOOD PRODUCTION, FORUM TOLD .....OCT 15 P. 7
NFIA HEARS MEAT OUTLOOK CONCERNS OF INDUSTRY, CONSUMER AND GOVERNMENT .....OCT 22 P. 1
'ECONOMIC MUSCLE' MAY BE TRIED AGAINST PRICE DROPS .....OCT 22 P. 33
NIXON DECLARES FARM-CITY WEEK .....NOV 19 P. 2
POULTRYMEN PURCHASES .....NOV 19 P. 18
CARGILL EXECUTIVE ADVOCATES RETURN TO COMPETITIVE MARKETING .....NOV 19 P. 40
JAPAN'S INTEREST GOES BEYOND GRAIN .....DEC 17 P. 1

AGRIBUSINESS CAREER
STUDENTS HEAR OF POULTRY INDUSTRY OPPORTUNITIES .....FEB 19 P. 36
SUMMER PROGRAM GIVES AG STUDENTS JOB EXPERIENCE .....JUN 25 P. 70
PEACE CORPS SEEKS AGRICULTURAL HELP .....NOV 12 P. 36

AGRICULTURE DAY
'AG DAY' LEGISLATION INTRODUCED IN HOUSE .....JAN 29 P. 6
FORUM ON FOOD .....APR 02 P. 1
MEAT PRICE OUTLOOK .....APR 02 P. 5
KENT CELEBRATES AGRICULTURE DAY .....APR 02 P. 5
'AG WEEK' BILL OFFERED IN SENATE .....OCT 15 P. 1
AG DAY PLANS .....OCT 15 P. 2

ALFALFA
DEHY INDUSTRY CLOSED 1972 WITH LOW INVENTORIES, HIGH PRICES .....FEB 05 P. 43

DEHYDRATORS FUNDED RESEARCH IN AREAS OF CATTLE, SWINE, POULTRY
UNIDENTIFIED GROWTH AND REPRODUCTION FACTORS IN ALFALFA
DEHY AS ROUGHAGE IN CATTLE FINISHING RATIONS
ROUGHAGE REPLACEMENT VALUE OF DEHYDRATED ALFALFA PELLETS
COARSE ALFALFA PELLETS SUBSTITUTE FOR HAY
THE INFLUENCE OF DEHY ON FIBER UTILIZATION BY CECAL ORGANISMS F
INCREASED USE OF CHEMICAL ANALYSES FOR ALFALFA IN WESTERN STATE
SPEAKER SEES GOOD FUTURE FOR ALFALFA AS CASH CROP
CALIFORNIA BANK SEES NEAR-RECORD ALFALFA PRODUCTION
CALIFORNIA CUBE ALFALFA OUTPUT UP
DEHY ALFALFA VIEWED AS ASSET IN BEEF, MILK COW RATIONS
POSSIBLE MEAT SUBSTITUTE FROM ALFALFA ANNOUNCED
DEHYDRATED ALFALFA PRODUCTION DOWN
DEHY PRODUCTION DOWN FOR JUNE

ANIMAL HEALTH
ANIMAL HEALTH PRODUCT SALES UP 12% IN 1972

ANIMAL NUTRITION
RADIOISOTOPES SEEN AS AIDING ANIMAL PRODUCTION

ANTIBIOTICS
REPORT MEASURES ECONOMIC GAINS FROM FEED ANTIBIOTICS
ANTIBIOTICS IN DIETS
VAN HOUWELING WARNS SOME ANTIBIOTICS PROBABLY WON'T SURVIVE FDA
ANTIBIOTIC PALATABILITY
FDA LISTS ANTIBIOTIC COMBINATIONS NO LONGER SANCTIONED IN FEEDS
PROPOSED CHANGES IN USE OF FEED ANTIBIOTICS CRITICIZED
HOLLAND SCIENTISTS DEVELOP NON-MEDICAL ANIMAL ANTIBIOTIC
FDA GIVES ANTIBIOTICS MANUFACTURERS TWO YEARS TO PROVIDE USE IN
MORE SCIENTIFIC INPUT NEEDED IN RISK VS. BENEFIT DECISIONS
DELAYS HOLDING UP PUBLICATION OF NAS STATEMENT FAVORABLE TO DRU
VIRGINIAMYCIN SAID VALUABLE IN SWINE PRODUCTION
ANTIBIOTICS USE MUST CONTINUE, FEED MEN TOLD
EFFECT OF FLAVOMYCIN ON BROILER PRODUCTION OUTLINED
CYANAMID GIVES DRUG, ANTIBIOTIC PROTOCOLS TO FDA
RESEARCH NEW METHOD OF ANTIBIOTIC ANALYSIS
CYANAMID, PFIZER AGREE TO OFFER $35 MILLION IN AG ANTI-TRUST SU
AG CLAIMANTS ACCEPT DRUG FIRMS' OFFER
COST OF BANNING ANTIBIOTICS FOR SWINE EVALUATED
REPORT SUGGESTS RESULTS OF LOW LEVEL ANTIBIOTIC BAN

ARSENICALS
SEPEA PRAISES FDA CLEARANCES

ASSOCIATIONS

AGRIBUSINESS ACCOUNTABILITY PROJECT
GROUP TO EXAMINE CORPORATE POWER IN FOOD INDUSTRY

AGRICULTURAL & COMMUNITY BANKER DIVISION OF THE AMERICAN BANKERS
AMERICAN BANKERS TO REORGANIZE DIVISIONS

AGRICULTURE CHEMISTS
AG CHEMISTS TO FORM REGIONAL ASSOCIATION

AGRICULTURE COUNCIL OF AMERICA
AG IMAGE GROUP CHOOSES NAME

INDEX

73

RY AND HORSE NUTRITION	.....FEB 05 P. 43
	.....FEB 05 P. 49
	.....FEB 05 P. 52
	.....FEB 05 P. 54
	.....FEB 05 P. 56
S FROM THE HORSE	.....FEB 05 P. 64
ATES OBSERVED	.....FEB 19 P. 44
	.....MAR 05 P. 47
	.....MAR 12 P. 48
	.....MAR 26 P. 9
	.....APR 09 P. 26
	.....APR 16 P. 49
	.....APR 30 P. 71
	.....AUG 06 P. 51
	.....MAY 21 P. 1
	.....JAN 22 P. 12
	.....JAN 08 P. 16
	.....FEB 05 P. 22
FDA SCRUTINY	.....FEB 19 P. 4
	.....FEB 19 P. 24
EDS	.....MAR 12 P. 1
	.....MAR 26 P. 2
	.....APR 16 P. 35
IN FEED EFFECTIVE, SAFE TO HUMANS	.....APR 23 P. 1
	.....MAY 14 P. 2
DRUGS IN FEED	.....JUN 04 P. 5
	.....JUN 25 P. 1
	.....JUL 09 P. 5
	.....AUG 06 P. 20
	.....AUG 06 P. 25
	.....AUG 06 P. 25
SUITS	.....SEP 03 P. 6
	.....OCT 08 P. 33
	.....NOV 19 P. 12
	.....NOV 19 P. 13
	.....JUL 09 P. 6
	.....AUG 20 P. 46
RS ASSN.	
	.....MAY 21 P. 39
	.....NOV 19 P. 36
	.....OCT 22 P. 33

AGRICULTURE COUNCIL OF AMERICA COMMITTEE ADOPTS ACTION PROGRAM
AG COUNCIL TO MEET IN CHICAGO
NEW AGRICULTURE COUNCIL OPENS CONSUMER CAMPAIGN

AGRISERVICES FOUNDATION
1974 STOCKMEN'S SCHOOL PLANNED

ALABAMA CATTLEMEN'S ASSN.
ALABAMA CATTLE SERVICE

ALABAMA POULTRY & EGG ASSN.
ALABAMA POULTRY GROUP CHANGES ITS NAME
NEW ALABAMA OFFICERS
SENATOR HONORED BY ALABAMANS
AP&EA AWARD
GROUP CITES VALUE OF CHICKEN, EGGS

AMERICAN AGRICULTURAL MARKETING ASSN.
AAMA SPENT HEN SALES UP

AMERICAN ASSOCIATION OF FEED MICROSCOPISTS
FEED MICROSCOPISTS ASSOCIATION TO HOLD SHORT COURSE
MICROSCOPISTS ELECT PRESIDENT

AMERICAN BANKERS ASSN.
AMERICAN BANKERS GROUP TO HOLD AGRI-CONFERENCE
AGRICULTURAL BANKERS HOLDING NATIONAL MEET

AMERICAN DEHYDRATORS ASSN.
ALFALFA DEHYDRATORS PLAN ARIZONA CONVENTION FEB. 5-9
MOELLER TO ADDRESS CROP DRYING CONGRESS
BEERMANN TO HEAD DEHY ASSOCIATION

AMERICAN DRY MILK INSTITUTE
DRY MILK, WHEY INSTITUTES' MEETS SET

AMERICAN EGG BOARD
EGG BOARD GETS INCREASED SUPPORT FROM NORTHWEST; UEP REELECTS
AEB APPROVES PROMOTION PROGRAM GUIDELINES, SANCTIONS EXPENDITU
AEB PUBLICATION
AEB CONTRIBUTION
EGG SCIENCE AWARDS
EGG COOKERY CHART
EGG-SOUP MEETING
AEB FALL BOARD MEETING SCHEDULED
EGGMEN RAISING PROMOTION FUNDS
AEB DIRECTORS
AEB APPROVES EXPANDED BUDGET
CONSUMER CONCERN NOTED REGARDING FOOD MERCHANDISING
AEB ASKS ADDED BANQUET SUPPORT

AMERICAN FARM BUREAU FEDERATION
FARM BUREAU TO BEGIN COMMODITY ACTIVITIES PROGRAM
SEVERAL RECOMMENDATIONS MADE DURING AFBF POULTRY CONFERENCE
FARM BUREAU AGAINST EXPORT CONTROL BILL

AMERICAN ASSOCIATION OF FEED CONTROL OFFICIALS
CONTROL OFFICIALS TO SPONSOR WORKSHOP

T INDEX
973
RAM
.....OCT 29 P. 8
.....NOV 19 P. 49
.....DEC 03 P. 2

.....AUG 06 P. 42

.....MAR 12 P. 36

.....APR 09 P. 57
.....JUL 09 P. 2
.....JUL 16 P. 7
.....JUL 23 P. 44
.....AUG 13 P. 6

.....OCT 15 P. 28

.....MAR 05 P. 48
.....OCT 15 P. 42

.....NOV 05 P. 4
.....NOV 12 P. 8

.....JAN 22 P. 2
.....FEB 05 P. 54
.....FEB 12 P. 49

.....FEB 12 P. 37

TS BOOKEY
ITURES
.....APR 16 P. 6
.....JUL 02 P. 7
.....AUG 13 P. 21
.....AUG 27 P. 7
.....SEP 03 P. 22
.....SEP 17 P. 7
.....OCT 08 P. 1
.....OCT 15 P. 30
.....NOV 12 P. 50
.....NOV 19 P. 32
.....NOV 26 P. 10
.....NOV 26 P. 10
.....DEC 31 P. 4

.....APR 09 P. 62
.....JUN 11 P. 6
.....OCT 15 P. 42

.....JAN 29 P. 55

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

AMERICAN FEED MANUFACTURERS ASSN.
AFMA ANNOUNCES NEW PUBLIC AFFAIRS DIRECTOR
AFMA SALES TRAINING SCHOOL SLATED FOR DALLAS
'TRUMP CARD '73' TO BE THEME OF AFMA CONVENTION IN KANSAS CITY
PLANS COMPLETE FOR 1973 AFMA FEED PRODUCTION SCHOOL
FEED PRODUCTION SCHOOL TOPICS ANNOUNCED BY AFMA
CONVENTION LOGO
JOHN CONNALLY TO ADDRESS AFMA CONVENTION MAY 9
PANEL OF FEED EXECUTIVES TO ADDRESS AFMA
COL. SANDERS TO APPEAR AT AFMA CONVENTION EVENTS
AFMA CONVENTION PROGRAM, MAY 6-9
AFMA RE-ELECTS EDICK, NELSON; DIRECTORS NAMED
AFMA CITES COLONEL SANDERS
COMMUNICATION SEMINAR PLANNED
AFMA PLANNING FEED SALESMEN TRAINING SCHOOLS
SCHULTZ WINS AFMA AWARD
HALLBERG HEADS AFMA PUBLIC RELATIONS
FEED SHORT COURSE
AFMA OFFICERS
AFMA LIQUID FEED MEETING SET FOR OMAHA
AFMA BOARD
AFMA PLANNERS
AFMA HONORS DAVID BAKER
LIQUID FEED SYMPOSIUM PROGRAM READY
AFMA ANNOUNCES TOPICS FOR PUBLIC RELATIONS SEMINAR
LIQUID FEED SPEAKERS
AFMA HONORS GRIMINGER FOR POULTRY RESEARCH
PLAN MANAGEMENT CONFERENCE
AFMA MARKETING SEMINAR SET FOR SEPT. 27-28
AFMA SAFETY COMMITTEE
FEED COUNCIL ELECTS GREENFIELD
AFMA ENVIRONMENTAL MEETING
LIQUID FEED COMMITTEE
LIQUID FEED CHAIRMAN
NEW COMMITTEE MEMBERS
AFMA/PURDUE MANAGERIAL MEET RESCHEDULED
AFMA ANNOUNCES EXPANSION OF SALES TRAINING ACTIVITIES IN 1974
AFMA REGIONAL PRODUCTION SCHOOLS FOR LINE SUPERVISORS EXPANDED
NUTRITION RESEARCH AWARD

AMERICAN HEREFORD ASSN.
ADVISORY SERVICE BEGINS

AMERICAN INSTITUTE OF COOPERATION
NEW ORLEANS TO HOST INSTITUTE FOR CO-OP EDUCATION

AMERICAN MARKETING ASSN.
HARDIN TO HEAD SPEAKERS LIST AT AMA CONFERENCE

AMERICAN MEAT INSTITUTE
LYNG TO BE NAMED MEAT INSTITUTE HEAD

AMERICAN NATIONAL CATTLEMEN'S ASSN.
COORDINATED PR EFFORT
EPA, ANCA TO SPONSOR WATER POLLUTION MEET
BERGLUND NAMED TO NEW ANCA POST
ANCA MEETING TO PROVIDE UPDATE ON BEEF ISSUES

T INDEX
973

ITY

74
DED

.....JAN 15 P. 6
.....JAN 22 P. 31
.....JAN 29 P. 6
.....FEB 26 P. 62
.....MAR 12 P. 45
.....MAR 26 P. 4
.....APR 09 P. 1
.....APR 23 P. 2
.....APR 30 P. 2
.....APR 30 P. 9
.....MAY 14 P. 1
.....MAY 21 P. 7
.....JUN 18 P. 42
.....JUL 09 P. 4
.....JUL 09 P. 5
.....JUL 09 P. 38
.....JUL 09 P. 38
.....JUL 16 P. 8
.....JUL 23 P. 3
.....JUL 23 P. 42
.....AUG 06 P. 2
.....AUG 06 P. 38
.....AUG 13 P. 4
.....AUG 20 P. 2
.....AUG 20 P. 2
.....AUG 20 P. 7
.....SEP 10 P. 2
.....SEP 17 P. 2
.....SEP 24 P. 26
.....SEP 24 P. 40
.....SEP 24 P. 46
.....OCT 01 P. 2
.....OCT 08 P. 5
.....OCT 22 P. 29
.....OCT 29 P. 23
.....NOV 19 P. 21
.....NOV 26 P. 33
.....DEC 03 P. 33

.....JAN 08 P. 22

.....JUN 11 P. 35

.....OCT 15 P. 2

.....MAY 21 P. 42

.....JUL 23 P. 20
.....JUL 30 P. 65
.....NOV 19 P. 4
.....DEC 24 P. 4

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

AMERICAN PORK CONGRESS
PORK CONGRESS FINALIZES TOPICS FOR WORKSHOPS
RECORD ATTENDANCE

AMERICAN POULTRY HISTORICAL SOCIETY
SKINNER ELECTED HEAD OF POULTRY HISTORICAL SOCIETY
POULTRY HISTORY BOOK
POULTRY HALL OF FAME NOMINATIONS SOLICITED

AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS
AGRICULTURE ENGINEERS HOLD ANNUAL MEETING
AG ENGINEERS TO HOLD ANNUAL WINTER MEETING

AMERICAN SOCIETY OF AGRICULTURAL CONSULTANTS
AG CONSULTANTS SOCIETY NAMES EXECUTIVE DIRECTOR
INTERNATIONAL MEET ON AGRIBUSINESS SET FOR SEPT. 27-28
FORUM ADVISERS MEET
TWO NAMED HEAD OF PLANNED FORUM ON AGRIBUSINESS
AG CONSULTANTS TO HOLD MEETING
FORUM TO LOOK AT MARKET EFFECTS ON AGRIBUSINESS
AGRIBUSINESS FORUM PROGRAM FINALIZED
DOLE TO ADDRESS AGRIBUSINESS FORUM
FORUM WILL VIEW AGRIBUSINESS IN WORLD ECONOMY
AG CONSULTANTS ESTABLISH BUSINESS REFERRAL SYSTEM, ELECT OFFIC

AMERICAN SOCIETY OF ANIMAL SCIENCE
ASAS MEETING COINCIDES WITH ANIMAL AG WEEK
ASAS OFFICERS
FRANK BAKER TO HEAD ASAS
SCIENTIST WINS MINERAL RESEARCH AWARD
ASAS PRESIDENT STRESSES NEED FOR 'TEAMWORK'
ANIMAL GROUPS DISCUSS UNITING
MICHIGAN SCIENTIST HONORED

AMERICAN SOYBEAN ASSN.
SOYBEAN GROUP HOSTS AUSTRIAN ANIMAL EXPERTS
CONFERENCE CITES DR. HAYWARD

AMERICAN VETERINARY MEDICAL ASSN.
VET CONSULTANT: MALPRACTICE SUITS ARE ON THE INCREASE
FUNDING CUTBACK MAY LEAD TO VET SHORTAGES

ANIMAL HEALTH INSTITUTE
ANIMAL HEALTH INSTITUTE MEETING SET FOR MAY 15-18
SEC. BUTZ TO KEYNOTE AHI ANNUAL MEETING NEXT MONTH
ANIMAL HEALTH PRODUCT SALES UP 12% IN 1972
ELANCO'S MCVIE ELECTED HEAD OF ANIMAL DRUG GROUP
DRUG INDUSTRY LOOKS AT ITS PROBLEMS
NEW DRUG USAGE SYMBOL COMING
'PARTITIONING' IN SCIENTIFIC DISCIPLINE SCORED

ANIMAL NUTRITION RESEARCH COUNCIL
SURVEY OF ANALYTICAL PROCEDURES ANNOUNCED

ARIZONA PORK PRODUCERS
ARIZONANS HEAR IOWA NUTRITIONIST

ARIZONA POULTRY FEDERATION

.....FEB 26 P. 52
.....APR 09 P. 18

.....MAY 07 P. 80
.....JUL 30 P. 64
.....SEP 03 P. 22

.....JUL 02 P. 31
.....NOV 19 P. 40

.....MAR 12 P. 47
.....JUN 25 P. 78
.....JUL 23 P. 32
.....JUL 30 P. 4
.....AUG 06 P. 8
.....AUG 20 P. 7
.....SEP 03 P. 2
.....SEP 17 P. 42
.....SEP 24 P. 1
ICERS .....OCT 08 P. 4

.....JUL 09 P. 46
.....AUG 06 P. 4
.....AUG 06 P. 38
.....AUG 06 P. 54
.....AUG 06 P. 54
.....AUG 13 P. 14
.....SEP 10 P. 16

.....AUG 13 P. 29
.....DEC 03 P. 5

.....MAR 12 P. 34
.....JUL 30 P. 42

.....MAR 26 P. 3
.....APR 16 P. 7
.....MAY 21 P. 1
.....MAY 21 P. 2
.....MAY 28 P. 9
.....MAY 28 P. 9
.....MAY 28 P. 9

.....OCT 29 P. 23

.....AUG 13 P. 4

HINNEMAN TO HEAD ARIZONA POULTRYMEN

ARKANSAS POULTRY FEDERATION
ARKANSAS POULTRYMEN ELECT CLYDE SASSER
TURKEY MEET SPEAKER

ASSOCIATED POULTRY & EGG INDUSTRIES
APEI TO MEET AT NTF CONVENTION

ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS
AAFCO REPORTS MATTERS TO BE STUDIED
AAFCO PRESIDENT

ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS
ANALYTICAL CHEMISTS AWARD SCHOLARSHIP
CHEMISTS TO HOLD ANNUAL MEETING

ASSOCIATION OF SOUTHERN FEED, FERTILIZER & PESTICIDE CONTROL OFF
SOUTHERN FEED, FERTILIZER OFFICIALS TO MEET IN JUNE
CONTROL OFFICIALS TO HOLD MEETING

BUFFALO FLOUR CLUB
BUFFALO FLOUR CLUB ELECTS OFFICERS

CALIFORNIA GRAIN & FEED ASSN.
CALIFORNIA FEED MEN TO VISIT EUROPE, RUSSIA
CALIFORNIA FEED WORKSHOP TO LOOK AT GRAIN POPPERS
CALIFORNIA FEED MEET TO DISCUSS FUTURE PROSPECTS
CALIFORNIA GRAIN, FEED MEN ELECT DOYLE
CALIFORNIA FEED LEADER URGES PERSONAL ACTION
CGFA TO HOLD MEETINGS ON COMMERCIAL FEED LAW
CALIFORNIA FEED MEN PLAN GOODWILL TRIP

CANADA GRAINS COUNCIL
WORLD GRAIN SEMINAR SET FOR WINNIPEG

CANADIAN FEED MANUFACTURERS ASSN.
CANADIAN FEED MANUFACTURERS TO DISCUSS NUTRITION
CANADIAN FEED CONVENTION SET FOR JULY 4-6 IN WINNIPEG
CANADIAN FEED MANUFACTURERS ELECT A.S. MAIR
CFMA TO MOVE HEADQUARTERS TO OTTAWA

CANADIAN LIVESTOCK FEED BOARD
FEED PROTEINS TO BE DISCUSSED BY CANADIANS

CAROLINA FEED INDUSTRY ASSN.
VETERAN FEED MAN PRESENTED AWARD

CATFISH FARMERS OF AMERICA
CATFISH FARMERS SCHEDULE CONVENTION FOR EARLY FEBRUARY

CENTRAL VIRGINIA BROILER PRODUCERS ASSN.
WHETSEL RE-ELECTED HEAD OF VIRGINIA POULTRY GROUP

CHICAGO FEED CLUB
CHICAGO FEED CLUB PLANS 'BUZZARDS' NIGHT
CHICAGO FEED CLUB ELECTS RILEY PRESIDENT
CHICAGO FEED CLUB OFFICERS

.....FEB 05 P. 7

.....JUL 09 P. 24
.....SEP 10 P. 21

.....JAN 08 P. 51

.....JUL 23 P. 6
.....AUG 20 P. 1

.....OCT 01 P. 52
.....OCT 08 P. 36

OFFICIALS

.....APR 16 P. 53
.....JUN 04 P. 37

.....MAY 14 P. 32

.....JAN 08 P. 38
.....JAN 22 P. 6
.....MAR 26 P. 3
.....APR 23 P. 2
.....MAY 07 P. 76
.....MAY 07 P. 91
.....AUG 06 P. 30

.....OCT 08 P. 8

.....APR 09 P. 9
.....MAY 07 P. 12
.....JUL 16 P. 4
.....DEC 31 P. 2

.....NOV 05 P. 4

.....OCT 29 P. 25

.....JAN 29 P. 52

.....MAY 14 P. 43

.....JAN 15 P. 16
.....FEB 05 P. 76
.....FEB 26 P. 58

CHICAGO FEED CLUB TO HOLD FATHER-SON NIGHT
CHICAGO FEED CLUB HEARS HOCKEY PLAYER
CHICAGO FEED CLUB TO HOLD COUPLES' NIGHT
CHICAGO FEED CLUB GOLD OUTING JUNE 21
CHICAGO FEED CLUB GOLD OUTING SET
CHICAGO FEED OUTING
CHICAGO FEED CLUB TO MEET NOV. 19
CHICAGO FEED CLUB PLANS HOLIDAY PARTY
DUANE STEWART HEADS CHICAGO FEED CLUB

COASTAL BERMUDAGRASS PROCESSORS ASSN.
BERMUDAGRASS GROUP ELECTS WEST PRESIDENT

COLORADO FARM BUREAU
NEW HOG MARKETING CONCEPT IN COLORADO

COLORADO GRAIN & FEED ASSN.
COLORADO FEED MEN ANNOUNCE ANNUAL CONVENTION
COLORADO FEED MEN TO STUDY MARKETING TRENDS
FARNSWORTH HEADS COLORADO GROUP

CORN EXCHANGE OF BUFFALO
OTTERY ELECTED HEAD OF EXCHANGE

COUNCIL FOR AGRICULTURAL SCIENCE & TECHNOLOGY
AGRICULTURAL SCIENTISTS PROPOSE INDEPENDENT GROUP TO COUNTER C
VIRGINIA FEED MEN JOIN AG GROUP
SCIENTISTS ANSWER CONSUMERS ABOUT PESTICIDES

CROP QUALITY COUNCIL
PAARLBERG, DIERCKS TO ADDRESS CROP MEET

DELMARVA POULTRY INDUSTRY
MABE INSTALLED AS DELMARVA PRESIDENT
DELMARVA BEGINS 1973 FUND DRIVE
MIAMI COACH TO SPEAK AT DELMARVA BOOSTER BANQUET
DELMARVA POULTRYMEN HONORED AT BANQUET
COOKING WINNERS ANNOUNCED

DES MOINES FEED & GRAIN CLUB
FEED CLUB FIELD DAY SET
DES MOINES FEED CLUB TO HOLD FIELD DAY

DISTILLERS FEED RESEARCH COUNCIL
DISTILLERS FEED CONFERENCE TO BE HELD IN LOUISVILLE
VAN LANEN RE-NAMED DISTILLERS' PRESIDENT

DIXIE POULTRY EXPOSITION
DIXIE POULTRY EXPOSITION SET
DIXIE POULTRY EXPO SET FOR SEPTEMBER 17-18
JOHNSON ELECTED EXPO PRESIDENT

EASTERN FEDERATION OF FEED MERCHANTS
EASTERN FEED MERCHANTS NAME EXECUTIVE DIRECTOR
EASTERN FEDERATION ANNUAL MEET SET
GOODRICH HEADS EASTERN FEED MERCHANTS GROUP

EGG CENTRAL

T INDEX
973

.....MAR 12 P. 67
.....APR 02 P. 37
.....MAY 07 P. 6
.....JUN 11 P. 42
.....AUG 13 P. 40
.....OCT 22 P. 36
.....NOV 12 P. 44
.....DEC 03 P. 31
.....DEC 10 P. 30

.....APR 16 P. 38

.....JUL 09 P. 14

.....JAN 08 P. 13
.....FEB 05 P. 38
.....FEB 26 P. 2

.....MAY 14 P. 39

R CRITICISM OF FOOD QUALITY .....JAN 22 P. 6
.....JUL 23 P. 8
.....OCT 29 P. 2

.....OCT 29 P. 59

.....FEB 05 P. 7
.....MAR 19 P. 8
.....APR 09 P. 23
.....MAY 07 P. 10
.....JUL 09 P. 24

.....APR 23 P. 40
.....MAY 14 P. 23

.....MAR 19 P. 9
.....APR 16 P. 5

.....AUG 20 P. 7
.....SEP 03 P. 7
.....OCT 08 P. 37

.....JAN 22 P. 38
.....JUN 04 P. 5
.....AUG 06 P. 5

EGGS FOR BREAKFAST

EGG FARMERS IN REAL TROUBLE, ASSN.
PROTESTERS MAIL SLICES OF BREAD

EGG PACKAGING ASSN., INC.
EGG PACKAGING GROUP SHARING FACILITIES, STAFF

FARMERS GRAIN DEALERS ASSN. OF NORTH DAKOTA
STENHJEM ELECTED N.D. GRAIN DEALERS PRESIDENT

FERTILIZER INSTITUTE
FERTILIZER INDUSTRY ASKS HIGH PRIORITY

FLORIDA POULTRY FEDERATION
FLORIDA POULTRY OFFICERS ELECTED
'FLORIDA POULTRY DAYS' EVENT RESCHEDULED
FLORIDA EGG PRODUCERS TO SUPPORT PROMOTION EFFORT
FLORIDIANS TOLD POULTRY PRODUCTS NEED BETTER IMAGE
FLORIDA POULTRYMEN ELECT NEW OFFICERS

FT. DODGE GRAIN & FEED ASSN.
BOOHER TO HEAD FT. DODGE GRAIN & FEED ASSOCIATION
FT. DODGE GOLF MEET SET FOR JULY 17

FUTURE FARMERS OF AMERICA
FFA HONORED IN NEW YORK CITY
FFA AWARD
FFA AWARD
FFA HONORS AGWAY

GEORGIA EGG ASSN.
GEORGIA EGG ASSN. RE-ELECTS LATHEM

GEORGIA FEED ASSN.
PAT CUMMINS HEADS GEORGIA FEED MEN

GEORGIA FEED COUNCIL
FEED COUNCIL ELECTS OFFICERS

GEORGIA POULTRY FEDERATION
PAST GEORGIA POULTRY PRESIDENTS TO BE HONORED
CORONATION HEAD NAMED
NAT ASHE TO HEAD GEORGIA FEED COUNCIL
GEORGIA FEDERATION HONORS 22 POULTRYMEN
GEORGIA POULTRYMEN APPEAL FOR STORM AID
HOWARD PARKER TO HEAD GEORGIA POULTRY GROUP
GEORGIA POULTRYMEN FAVOR OSHA CHANGES

GEORGIA POULTRY FEED COUNCIL
HIRING OF POULTRY TRAFFIC DIRECTOR URGED

GRAIN ELEVATOR AND PROCESSING SOCIETY
GEAPS TECHNICAL CONFERENCE SLATED FOR MARCH 25-29
CANADIAN ELECTED TO HEAD GEAPS
GEAPS TO MEET IN HOUSTON

GRAIN & FEED ASSOCIATION OF ILLINOIS

.....JUL 30 P. 6

.....JUN 18 P. 2

.....MAR 05 P. 48

.....FEB 19 P. 44

.....DEC 31 P. 40

.....JAN 08 P. 10
.....JAN 08 P. 46
.....JAN 29 P. 84
.....JUN 18 P. 21
.....DEC 31 P. 2

.....MAR 26 P. 2
.....JUN 18 P. 41

.....FEB 19 P. 45
.....MAR 19 P. 6
.....AUG 20 P. 46
.....SEP 03 P. 19

.....AUG 13 P. 43

.....JUL 23 P. 6

.....DEC 03 P. 4

.....FEB 19 P. 36
.....FEB 19 P. 36
.....FEB 26 P. 28
.....MAR 26 P. 16
.....APR 16 P. 52
.....MAY 07 P. 88
.....JUN 11 P. 31

.....JUN 11 P. 21

.....JAN 29 P. 61
.....APR 02 P. 5
.....OCT 22 P. 35

MYERS TO HEAD ILLINOIS GRAIN, FEED ASSOCIATION
EPA MEETINGS HELD IN ILLINOIS

ILLINOIS BANKERS ASSN.
BANKERS ARE AWARDED AG LENDING DEGREES

INDIANA GRAIN & FEED ASSN., INC.
FLOYD LOWE HEADS INDIANA FEED MEN
INDIANA FEED MEN TO HOLD GOLF OUTING

INDIANA STATE POULTRY ASSN.
POULTRY RESEARCH DONATION
RESEARCH PROGRAM REVIEW
HINKE TO HEAD POULTRY GROUP
MORE THAN 300 ATTEND TRI-STATE POULTRY CONCLAVE

INTERNATIONAL EGG COMMISSION
INTERNATIONAL EGG GROUP TO MEET IN SEPTEMBER
EGG CONFERENCE PLANNED IN EUROPE

IOWA EGG COUNCIL
IOWA EGG COUNCIL

IOWA GRAIN & FEED ASSN.
IOWA FEED OFFICERS
IOWA MEETING CALLED TO AIR MAJOR AG PROBLEMS
IGFA TO HOLD HEDGING SCHOOL
IGFA SELECTS THEME FOR 1973 CONVENTION
IGF INSURANCE CO. COMPLETES STOCK SALE
IOWA GRAIN & FEED SETS PLANS FOR ANNUAL MEET

IOWA POULTRY ASSN.
IOWA EGG CHECK-OFF

IOWA TURKEY FEDERATION
PHELPS TO HEAD IOWA TURKEY GROUP

ITALIAN SOCIETY FOR PROGRESS IN THE LIVESTOCK INDUSTRY
ITALIAN LIVESTOCK SYMPOSIUM TO BE HELD APRIL, 1974

KANSAS CITY FEED CLUB
FEED CLUB MEETING
KANSAS CITY FEED CLUB GOLF OUTING PLANNED
KANSAS CITY FEED CLUB PLANS CRUISE
K.C. FEED CLUB PLANS CHRISTMAS PARTY

KANSAS FORMULA FEED MANUFACTURERS ASSN.
ZUTAVERN ELECTED KANSAS FEED HEAD

KANSAS POULTRY ASSN.
CAREY TO HEAD KANSAS POULTRYMEN

IOWA GRAIN & FEED ASSN.
KANSAS DEALERS MOVE
NEW KANSAS OFFICERS
KANSAS FEED MEN HONOR SPECIALISTS

KENTUCKY POULTRY FEDERATION

.....APR 02 P. 5
.....MAY 21 P. 63

.....JUN 25 P. 44

.....JAN 29 P. 84
.....MAY 21 P. 62

.....FEB 26 P. 47
.....APR 02 P. 6
.....NOV 05 P. 6
.....NOV 05 P. 6

.....MAY 07 P. 107
.....JUN 18 P. 46

.....NOV 26 P. 9

.....JAN 08 P. 53
.....JAN 22 P. 6
.....APR 23 P. 7
.....JUN 18 P. 32
.....JUN 18 P. 42
.....NOV 26 P. 9

.....JUL 09 P. 49

.....DEC 10 P. 39

.....OCT 22 P. 16

.....JAN 29 P. 9
.....APR 23 P. 49
.....SEP 03 P. 44
.....NOV 12 P. 44

.....JAN 22 P. 4

.....DEC 10 P. 53

.....APR 16 P. 7
.....APR 30 P. 1
.....MAY 07 P. 89

POULTRY FEDERATION ELECTS NEW OFFICERS

LOS ANGELES GRAIN EXCHANGE
L. A. GRAIN MEN ELECT OFFICERS

MAINE POULTRY INDUSTRY ASSN.
LAMKIN TO HEAD POULTRY GROUP

MARSHALL COUNTY POULTRY ASSN.
ALABAMA POULTRYMEN
BROWN TO HEAD POULTRY ASSOCIATION

MARYLAND CATTLEMEN'S ASSN.
MARYLAND CATTLEMEN ORGANIZE

MARYLAND FEED INDUSTRY COUNCIL
MARYLAND NUTRITION CONFERENCE SLATED FOR MARCH 15-16

MEMPHIS FEED & GRAIN CLUB
DEIBEL ELECTED HEAD OF MEMPHIS FEED CLUB
MEMPHIS GOLF, TENNIS OUTING SET FOR JUNE 8

MICHIGAN ALLIED POULTRY INDUSTRIES, INC.
YERRICK RE-ELECTED HEAD OF MICHIGAN POULTRY GROUP

MICHIGAN GRAIN & AGRI-DEALERS ASSN.
MICHIGAN FEED MEET TO HIGHLIGHT 'NEW KEYS FOR 73'
BERT JONES HEADS MICHIGAN DEALERS
MICHIGAN DEALERS
MSU ELEVATOR STUDENT HONORED
OUTSTANDING ALUMNI AWARD
PURINA RECEIVES EXHIBIT AWARD

MIDSOUTH SOYBEAN & GRAIN SHIPPERS ASSN.
MIDSOUTH SHIPPERS PLAN CONVENTION
SHIPPERS GROUP ELECTS OFFICERS

MIDWEST EGG PRODUCERS
MIDWEST POULTRY PRODUCERS ELECT OFFICERS FOR 1973

MIDWEST FEED MANUFACTURERS' ASSN.
10 MIDWEST FEED DIRECTORS CHOSEN
MIDWEST FEED TO AWARD PUBLIC RELATIONS EFFORT
PUBLIC RELATIONS EFFORT
MIDWEST MEET TO LOOK AT ANIMAL AG 'FRONTIERS'
MIDWEST FEED CONVENTION TO LOOK AT FEED GRAIN, MEDICATED FEED
MIDWEST CONVENTION TO DEAL WITH FEED MARKETS, BOOKINGS
MIDWEST FEED ASSN. CITES EFFORTS IN PUBLIC RELATIONS
MIDWEST FEED SETS JUNE DATES FOR RESEARCH CONFERENCE
ANIMAL RESEARCH CONFERENCE SET FOR JUNE 19-20
ANIMAL INDUSTRY RESEARCH MEETING TOPICS FINALIZED
MIDWEST FEED ANNOUNCES FOR CREDIT MEET
CARGILL'S MC VAY TO KEYNOTE MIDWEST SEMINAR
SENATE AIDE TO SPEAK AT SEMINAR
MIDWEST FEED MEN TO BE UPDATED ON COMPUTER USES
CONVENTION SITE TOUR
PAUL FREDERICK NAMED MIDWEST FEEDS PRESIDENT
PLANS BEING MADE FOR 1974 MIDWEST FEED CONVENTION

.....OCT 15 P. 6

.....JUN 25 P. 2

.....DEC 17 P. 7

.....OCT 15 P. 6
.....OCT 29 P. 46

.....MAR 26 P. 3

.....MAR 05 P. 7

.....APR 16 P. 2
.....MAY 28 P. 4

.....APR 02 P. 46

.....JAN 08 P. 13
.....MAR 05 P. 4
.....MAR 12 P. 57
.....APR 30 P. 43
.....APR 30 P. 48
.....APR 30 P. 52

.....AUG 06 P. 4
.....SEP 03 P. 2

.....APR 09 P. 10

.....JAN 01 P. 2
.....JAN 08 P. 44
.....FEB 12 P. 4
.....FEB 19 P. 4
ED SITUATIONS .....FEB 26 P. 2
.....MAR 12 P. 6
.....APR 02 P. 8
.....APR 30 P. 9
.....MAY 28 P. 4
.....JUN 11 P. 2
.....AUG 06 P. 2
.....AUG 13 P. 2
.....AUG 27 P. 2
.....SEP 03 P. 8
.....SEP 10 P. 58
.....NOV 05 P. 2
.....DEC 10 P. 8

MIDWEST POULTRY FEDERATION
MIDWEST POULTRY FEDERATION TO MEET IN MINNEAPOLIS

MINNEAPOLIS CHAMBER OF COMMERCE
FARM FORUM TO EMPHASIZE DEMAND FOR AG PRODUCTS

MINNESOTA ASSN. OF COMMERCE & INDUSTRY
UPPER MIDWEST ENERGY CONFERENCE SCHEDULED

MINNESOTA EGG PROMOTION BOARD
MINNESOTANS ELECT EGG PROMOTION BOARD
MINNESOTA EGGMEN TO VOTE ON REFERENDUM

MINNESOTA POULTRY & HATCHERY ASSN.
BACKMAN TO HEAD MINN. POULTRY, HATCHERY ASSN.

MISSISSIPPI FEED & GRAIN SEMINAR
MISSISSIPPI FEED MEET TO HIGHLIGHT HEDGING, SAFETY
MISSISSIPPI FEED CONVENTION SET
MISSISSIPPI OFFICERS ELECTED

MISSOURI EGG MERCHANDISING COUNCIL
OMELET SKILLET PRESENTATION

MISSOURI EGG INDUSTRY ASSN.
MISSOURI EGG OFFICERS

MONTANA FEED MANUFACTURERS & DEALERS ASSN.
MONTANA FEED OFFICERS

NATIONAL AGRICULTURAL ADVERTISING & MARKETING ASSOCIATION
NAAMA CHAPTER ANNOUNCES REGIONAL AWARD WINNERS
AG MARKETERS SET TOPICS FOR ANNUAL MARKETING SEMINAR
WISCONSINITES FORM NAAMA CHAPTER

NATIONAL AGRI-MARKETING ASSN.
BUTZ FIELDS QUESTIONS AT NAMA NATIONAL SEMINAR
AG MARKETERS CHANGE NAME, ELECT NEW OFFICERS AT NATIONAL MEETIN
NAMA ANNOUNCES NATIONAL AWARDS CONTEST WINNERS
NAMA TO HIRE FULL-TIME EXEC

NATIONAL AGRICULTURAL COMMUNICATIONS BOARD
AG COMMUNICATIONS BOARD FORMED TO TELL AGRICULTURE'S STORY
AG IMAGE GROUPS BEGIN NATIONAL MEMBERSHIP DRIVE

NATIONAL ANIMAL DRUG COMMITTEE
DRUG CERTIFICATION GROUP CHANGES NAME, ANNOUNCES NEW PROGRAMS

NATIONAL BROILER COUNCIL
NBC ANSWERS QUESTIONS
NBC TO DISTRIBUTE PRO-CHICKEN HANDOUTS
NBC RECEPTION
MORGAN RE-ELECTED NBMA PRESIDENT
NBC RUNS CHICKEN DEFENSE ADS IN SIX MAJOR NEWSPAPERS
CHICKEN ON TV
COOKBOOK CHECK
NBC INTRODUCES FOOD MANUAL

.....JAN 29 P. 9

.....FEB 12 P. 39

.....NOV 12 P. 41

.....AUG 20 P. 23
.....AUG 27 P. 7

.....MAR 26 P. 49

.....JAN 29 P. 9
.....AUG 06 P. 38
.....AUG 27 P. 2

.....FEB 12 P. 7

.....MAR 19 P. 46

.....MAR 05 P. 2

.....MAR 12 P. 12
.....APR 16 P. 5
.....APR 16 P. 40

.....MAY 07 P. 1
TING .....MAY 07 P. 12
.....MAY 14 P. 8
.....DEC 10 P. 3

.....MAR 05 P. 3
.....MAY 28 P. 42

S .....NOV 26 P. 5

.....MAR 26 P. 19
.....APR 02 P. 2
.....APR 02 P. 7
.....APR 02 P. 47
.....MAY 14 P. 7
.....JUN 11 P. 8
.....JUL 23 P. 32
.....AUG 06 P. 6

NBC BOARD MEETING
NBC CERTIFICATE
NBC TO HOLD FUTURES TRADING FALL WORKSHOP
CRUTCHFIELD NBC COMMITTEE HEAD
MERCK DONATION
COOKING KING
FORD, BUTZ TO ADDRESS NBC ANNUAL MEETING
POLITICS, FUEL AMONG BROILER MEETING TOPICS
NBC CONSUMER LEAFLETS
NBC OFFICERS REELECTED FOR '74
ALLIED INDUSTRY RECOGNITION
NBC RECOGNIZES BUTZ

NATIONAL BROILER MARKETING ASSN.
NBMA CONDUCTS INDUSTRY MEETINGS
NBMA TO HOLD STOCKHOLDERS MEETING
NBMA DENIES JUSTICE DEPARTMENT CHARGES IN ANTITRUST SUIT

NATIONAL COMMISSION ON EGG NUTRITION
ON THE OFFENSIVE

NATIONAL COTTONSEED PRODUCTS ASSN.
STEELE TO HEAD COTTONSEED GROUP
JOINS COTTONSEED ASSN.

NATIONAL DUCKLING COUNCIL
DUCKLING COUNCIL PRESIDENT NAMED

NATIONAL EGG CO.
NATIONAL EGG CO. DONATES DRIED EGGS TO NICARAGUA
NATIONAL EGG COMPANY ELECTS SMITH PRESIDENT
NEC TO REVIEW CHOLESTEROL SITUATION
NATIONAL EGG CO. SHOWS PROFIT FOR FISCAL 1972
NATIONAL EGG. CO. CREATES FEED, SUPPLY DEPARTMENT
NATIONAL EGG SETS ASSESSMENT
NATIONAL EGG VOTES SUPPORT FOR UEP
BUTZ TO SPEAK AT EGG MEETING SET FOR ATLANTA
NATIONAL EGG TO RESIGN FROM UEP

NATIONAL FEED AND GRAIN ASSN.
FUEL TASK FORCE NAMED BY NGFA

NATIONAL FEED INGREDIENTS ASSN.
NFIA SECTION MEETINGS
NFIA MID-YEAR WORKSHOP SLATED FOR FEB. 22-23
NFIA PANEL TO DEBATE TRADE IMPACT
NFIA LAUNCHES MEMBERSHIP DRIVE
NFIA PLANS HOG WORKSHOP MAY 24
NFIA CONVENTION PLANNERS
NFIA AT WORK
NFIA CONVENTION TO HAVE 'NATIONAL FORUM ON MEAT'
NFIA ELECTION COMMITTEE
MEAT OUTLOOK, NUTRITION SYMPOSIUM HIGHLIGHT NFIA CONVENTION PLA
NFIA PLANNERS
HARRIS ELECTED NFIA PRESIDENT
TRAVEL FELLOWSHIP AWARDS GIVEN AT NFIA CONVENTION
NFIA MOVES UP CONVENTION DATES
AWARDS GRANT

.....AUG 13 P. 18
.....AUG 13 P. 25
.....AUG 20 P. 7
.....SEP 03 P. 22
.....SEP 24 P. 6
.....SEP 24 P. 22
.....OCT 15 P. 6
.....OCT 22 P. 7
.....OCT 29 P. 46
.....NOV 05 P. 6
.....NOV 19 P. 4
.....DEC 03 P. 7

.....FEB 19 P. 6
.....FEB 26 P. 63
.....APR 23 P. 1

.....DEC 03 P. 6

.....MAY 21 P. 2
.....JUN 11 P. 54

.....JUL 09 P. 7

.....JAN 08 P. 64
.....FEB 05 P. 7
.....FEB 05 P. 16
.....FEB 12 P. 6
.....APR 30 P. 7
.....JUN 04 P. 50
.....JUL 30 P. 7
.....OCT 01 P. 7
.....NOV 19 P. 46

.....JUN 11 P. 32

.....JAN 08 P. 40
.....JAN 15 P. 4
.....JAN 29 P. 10
.....FEB 12 P. 6
.....APR 30 P. 16
.....JUL 02 P. 8
.....JUL 30 P. 2
.....AUG 27 P. 1
.....SEP 24 P. 53
PLANS .....OCT 01 P. 2
.....OCT 01 P. 7
.....OCT 15 P. 1
.....OCT 29 P. 7
.....DEC 10 P. 49
.....DEC 17 P. 4

FEEDSTUFFS SUBJECT IN
FOR ENTIRE YEAR 1973

NATIONAL GOOSE COUNCIL
PENB'S WILHELM REPORTS SUCCESSFUL 1972 GOOSE PROMOTION PROGRAM

NATIONAL GRAIN & FEED ASSN.
BUTZ, BRUNTHAVER, FOLEY AMONG SPEAKERS AT ANNUAL NGFA CONVENTIO
NGFA REELECTS JOHN H. FRAZIER
EDICK, KOEHL WIN NGFA AWARDS
NGFA ADOPTS NEW TRADE RULES
NGFA HONORS BUTZ
NGFA NAMES KOBER TRANSPORTATION CONSULTANT
PRIZE CAR
COUNTRY ELEVATOR COUNCIL TO MEET
NGFA COUNTRY ELEVATOR COUNCIL TO MEET DEC. 3-4
NGFA TO SPONSOR ELEVATOR DUST STUDY
FEED, GRAIN INTEREST ON RISE

NATIONAL GRAIN TRADE COUNCIL
TRADE GROUP ELECTS OFFICERS FOR 1973

NATIONAL HAY ASSN., INC.
NHA CONVENTION PLANS ANNOUNCED
HAY MEN SEE NEED FOR MORE HAY ACRES

NATIONAL INSTITUTE OF ANIMAL AGRICULTURE
NATIONAL INSTITUTE OF ANIMAL AGRICULTURE TO MEET DEC. 12-13

NATIONAL INSTITUTE OF OILSEED PRODUCTS
OILSEED PRODUCTS GROUP ELECTS NEW OFFICERS

NATIONAL LIVESTOCK & MEAT BOARD
PORK COOKBOOKLET
'MEATLESS DAYS' CRITICIZED
MEAT BOARD TO STEP-UP PUBLIC RELATIONS EFFORT
BEEF MEN ARE TOUGH
MEAT INDUSTRY MISUNDERSTOOD, EDITOR SAYS
BEEF GROUPS SEEK MORE COORDINATION
MEAT CUTS NOW UNIFORMLY LABELED

NATIONAL LIVESTOCK FEEDERS ASSN.
NATIONAL LIVESTOCK FEEDERS TO STUDY CAPITAL NEEDS
BROWN TO HEAD LIVESTOCK FEEDERS
NLFA DEMANDS IBP RE-OPEN ITS PLANT

NATIONAL PORK PRODUCERS COUNCIL
1973 PORK CONGRESS SET FOR MARCH 13-15 IN INDIANAPOLIS
PORK ALL-AMERICAN
NICKELS FOR PROFIT GROWING
'PORK FOR POP'
LUAU IN AUGUST
CHAMPION IMMORTALIZED
PORKFEST MESSAGE
NEW STATE GROUP

NATIONAL POULTRY RESEARCH FOUNDATION
NPRF TECHNICAL ADVISORY COMMITTEE TO MEET IN MARCH
NATIONAL POULTRY RESEARCH FOUNDATION PICKS 1973-74 PRIORITY RES

NATIONAL RENDERERS ASSN.

INDEX
73

AM .....MAR 05 P. 20

TION .....JAN 29 P. 6
.....MAR 05 P. 1
.....MAR 12 P. 9
.....MAR 12 P. 9
.....MAR 26 P. 9
.....APR 16 P. 44
.....OCT 08 P. 32
.....NOV 12 P. 53
.....NOV 19 P. 2
.....NOV 26 P. 33
.....DEC 03 P. 32

.....FEB 19 P. 45

.....AUG 13 P. 28
.....SEP 03 P. 5

.....NOV 26 P. 6

.....MAR 05 P. 38

.....JAN 15 P. 13
.....MAR 19 P. 19
.....MAY 14 P. 26
.....AUG 20 P. 3
.....AUG 20 P. 15
.....SEP 03 P. 19
.....OCT 22 P. 16

.....JAN 08 P. 18
.....FEB 19 P. 4
.....DEC 31 P. 37

.....JAN 15 P. 13
.....FEB 26 P. 15
.....MAR 12 P. 30
.....MAY 14 P. 14
.....JUN 11 P. 12
.....JUN 18 P. 16
.....SEP 24 P. 51
.....OCT 22 P. 13

.....FEB 19 P. 7
RESEARCH TARGETS .....MAY 14 P. 7

ATLANTA TO HOST RENDERERS MEET
FORECASTERS TO HIGHLIGHT RENDERERS MEET

NATIONAL SILO ASSN.
AWARD FROM SILO MEN

NATIONAL SOYBEAN PROCESSORS ASSN.
BEAN PROCESSORS NAME SPICOLA

NATIONAL TURKEY FEDERATION
TURKEY FEDERATION ELECTS STRICKLER, PLANS TO MOVE
TARGET NTF RELOCATION DATE SET FOR JUNE 1
NATIONAL TURKEY FEDERATION TO MOVE OFFICES JUNE 6
NTF WASHINGTON OFFICE TO OPEN
NTF SET FOR SUMMER MEETING
NTF SUMMER MEETING OFFERS MARKETING TOPICS
NTF VOTES APPROVAL OF NEW GRADE STANDARD
'SNOOPY' WINS TURKEY RACE
PRESIDENTIAL TURKEY
NTF PROGRAM SET FOR CONVENTION JANUARY 9-11
NTF SPEAKERS

NEBRASKA GRAIN & FEED DEALERS ASSN.
BERT SHOUP HEADS NEBRASKA GROUP
NEBRASKA GRAIN & FEED TO HOLD SPRING MEETINGS

NEBRASKA GRAIN IMPROVEMENT ASSN.
NEBRASKA GRAIN OFFICERS

NEBRASKA POULTRY INDUSTRIES
NEBRASKA POULTRY INDUSTRIES HONORS SEVERAL AT BANQUET
NEBRASKA POULTRYMEN

NEW ENGLAND GRAIN & FEED COUNCIL
INGREDIENTS, TRANSPORTATION TO HIGHLIGHT NEW ENGLAND
NEW ENGLAND COUNCIL ELECTS WEBSTER PRESIDENT
NEW ENGLAND COUNCIL TO HOLD SEMINAR
NEW ENGLAND FEED MEETING

NEW HAMPSHIRE POULTRY GROWERS ASSN.
N.H. POULTRYMEN RETAIN OFFICERS

NEW JERSEY STATE POULTRY ASSN.
EGG AWARD RECIPIENTS

NEW YORK STATE POULTRY INDUSTRY COORDINATED EFFORT
SPICE MEMBERSHIP GROWS
SPICE PUBLISHING MONTHLY NEWSLETTER

NORTH CAROLINA FEED INDUSTRY ASSN.
N.C. FEED MEN ELECT OFFICERS

NORTH CAROLINA POULTRY FEDERATION
PAUL MORGAN HEADS NORTH CAROLINIANS

NORTHEAST EGG MARKETING ASSN.
FEEDS COSTS MAJOR FOCUS AT NEMA BOARD MEETING
NEMA BOARD MEETING TO CONVENE JUNE 14

.....JAN 08 P. 46
.....SEP 17 P. 22

.....JAN 22 P. 38

.....SEP 10 P. 2

.....JAN 15 P. 2
.....APR 09 P. 24
.....MAY 14 P. 26
.....MAY 28 P. 6
.....JUN 04 P. 7
.....JUN 18 P. 6
.....JUL 23 P. 6
.....OCT 29 P. 26
.....NOV 26 P. 10
.....DEC 24 P. 2
.....DEC 31 P. 1

.....FEB 05 P. 2
.....APR 23 P. 4

.....MAR 05 P. 44

.....APR 30 P. 6
.....DEC 24 P. 5

.....JAN 08 P. 13
.....FEB 05 P. 4
.....OCT 29 P. 7
.....DEC 10 P. 3

.....DEC 03 P. 20

.....JAN 15 P. 18

.....APR 23 P. 49
.....MAY 21 P. 6

.....DEC 17 P. 7

.....SEP 10 P. 28

.....MAR 19 P. 8
.....JUN 04 P. 7

NEMA MEMBERS TO GATHER FOR ANNUAL MEETING
NEMA MEETING

NORTHEASTERN POULTRY PRODUCERS COUNCIL
AMMON OUTLINES NEPPCO GOALS AT VERMONT MEETING
GOOD EGG AWARD
NEPPCO PICKS 'TOMORROW' AS EXPOSITION THEME
CONVENTION KIT
NEPPCO MEET TO FEATURE AG OUTLOOK PANEL
PANEL TO ANALYZE EGG STABILIZATION PLAN AT MEETING
J. PHIL CAMPBELL TO KEYNOTE NORTHEASTERN '73
NEPPCO ELECTS WENTINK, DODGE
POULTRY GROUPS TELL OF SUCCESS IN GETTING PUBLICITY TO CONSUME

NORTHWEST AGRI-DEALERS ASSN.
MINNESOTA GROUPS ELECT NEW OFFICERS
GRAIN CONTRACTS

NORTHWEST COUNTRY ELEVATOR ASSN.
NORTHWEST ELEVATOR ELECTS NEW OFFICERS

NORTHWEST FEED MANUFACTURERS ASSN.
FOOTBALL COACH TO TALK TO NORTHWEST FEED MEN
NORTHWEST FEED GROUP TO HEAR CME PRESIDENT
NORTHWEST FEED GROUP TO HEAR MARKETING SPECIALIST
NORTHWEST FEEDS GROUP TO MEET APRIL 16
CARPENTER TO HEAD NORTHWEST FEED MEN
FEED CLUB PLANS CHRISTMAS EVENT

OHIO EGG PROCESSORS ASSN.
OHIO EGGMEN HONORED

OHIO GRAIN FEED & FERTILIZER ASSN.
OHIO GRAIN, FEED MEETING PROGRAM IS ANNOUNCED
OHIO FEED OFFICERS
OHIO GRAIN GROUP OFFERS EDUCATIONAL CASSETTES

OHIO POULTRY ASSN.
OHIO CHECK-OFF
EKLEBERRY TO HEAD OHIO POULTRY ASSN.

OMAHA FEED CLUB
OMAHA FEED CLUB TO HOLD FIELD DAY MAY 14

OMAHA CHAMBER OF COMMERCE
OMAHA LIVESTOCK FORUM TO STUDY 'THE BIG PICTURE'

OREGON, FEED, SEED & SUPPLIERS ASSN.
EDWIN BUTCHER TO HEAD OREGON FEED MEN

OREGON POULTRY INDUSTRIES ASSN.
OREGON POULTRY OFFICERS ELECTED
OPIA OFFICERS
OPIA HONORARY MEMBERS

OREGON SEED COUNCIL
OREGON SEED COUNCIL IN STRAW CUBING EXPERIMENT

OREGON TURKEY IMPROVEMENT ASSN.

T INDEX
973

.....NOV 12 P. 7
.....DEC 03 P. 1

.....FEB 05 P. 18
.....MAY 14 P. 40
.....AUG 27 P. 7
.....SEP 10 P. 22
.....SEP 17 P. 25
.....OCT 15 P. 7
.....OCT 22 P. 7
.....NOV 12 P. 6
UMER .....NOV 12 P. 6

.....FEB 12 P. 2
.....OCT 22 P. 2

.....JAN 29 P. 8

.....JAN 08 P. 61
.....FEB 19 P. 45
.....MAR 12 P. 68
.....APR 09 P. 75
.....APR 23 P. 49
.....NOV 12 P. 44

.....DEC 17 P. 6

.....JAN 22 P. 5
.....MAR 19 P. 4
.....APR 30 P. 68

.....JUL 09 P. 32
.....NOV 12 P. 7

.....MAR 14 P. 53

.....FEB 19 P. 46

.....FEB 26 P. 73

.....JUL 02 P. 7
.....JUL 09 P. 6
.....JUL 23 P. 22

.....APR 30 P. 46

OTIA AWARD
STOLLER HEADS TURKEY GROUP

PACER
PUBLIC SHOWS CONCERN ABOUT FOOD SUPPLIES

PACIFIC EGG & POULTRY ASSN.
PEPA TO DEVELOP POULTRY INTERNSHIP PROGRAM
PEPA ANNOUNCES CONFERENCE TOPICS FOR 'SUPERSHOW'
H&N'S WALKINSHAW NAMED PEPA HEAD
PEPA PRESIDENTS MEET

PACIFIC NORTHWEST GRAIN DEALERS ASSOCIATION
NORTHWEST GRAIN MEN TO HEAR CARGILL'S AMSTUTZ
WHEAT EXPERT TO SPEAK AT MEETING
GRAIN GROUP ELECTS NEXT YEAR'S OFFICERS

PENNAG INDUSTRIES ASSN.
PENNAG TO HOLD RAIL TRANSPORTATION MEET
BEATTIE TO SPEAK AT PENNAG MEET
PENNAG ELECTS CLARK PRESIDENT
PENNAG OFFICERS
PENNAG OFFERS COMPUTER SERVICE TO MEMBERS

PENNSYLVANIA EGG MARKETING ASSN.
LEHMAN ELECTED PRESIDENT OF EGG MARKETING GROUP

PENNSYLVANIA POULTRY FEDERATION
PENNSYLVANIA POULTRY GROUP NAMES DIRECTOR
POULTRY FEDERATION PLANS FUND-RAISER

PET FOOD INSTITUTE
MEETING TO LOOK AT PET OWNERS
PET FOOD INSTITUTE ELECTS OFFICERS
PET FOOD EXHIBIT

POULTRY BREEDERS OF AMERICA
PBA ANNOUNCES CONVENTION CHANGE
POULTRY BREEDERS ROUNDTABLE SET FOR MAY 9-10 IN K.C.

POULTRY AND EGG INSTITUTE OF AMERICA
PEIA SETS PROGRAM FOR POULTRY PRODUCTS QUALITY CONTROL MEET
PEIA ANNOUNCES FACT FINDING WORKSHOP TOPICS
PEIA ANNOUNCES FIRST FACT FINDING SESSION DETAILS
WORKSHOP TOPICS SPEAKERS SET FOR PEIA'S FACT FINDING
AUSTIN NAMED PEIA CHAIRMAN
PEIA ELECTS 14 NEW DIRECTORS, HONORS POULTRYMEN
AMERICAN FOODS FAIR
EGG PLAN TO BE PUT IN BILL FORM
EGG COMMITTEE
SAFETY AWARD
PRIEBE TO HELP PEIA DURING PRICE FREEZE
PEIA SPONSORS POULTRY ECONOMIC POLICY MEETING
PEIA TO RECEIVE 1973 SAFETY AWARD
CLC OFFICIAL WILL SPEAK AT PEIA MEETING
POULTRY, EGG TRADE PROGRAM BEING REORGANIZED
PEIA ADDS 3 SPEAKERS TO MARKETING MEET
CONSUMER GROUP MAKES DEMANDS OF POULTRY MARKETERS

.....MAR 05 P. 3
.....DEC 31 P. 35

.....DEC 03 P. 2

.....JAN 08 P. 25
.....MAR 05 P. 2
.....MAR 19 P. 6
.....DEC 17 P. 19

.....MAY 28 P. 4
.....JUN 11 P. 32
.....JUL 02 P. 47

.....JUL 23 P. 4
.....SEP 10 P. 8
.....SEP 24 P. 52
.....OCT 08 P. 7
.....DEC 24 P. 10

.....JAN 29 P. 84

.....AUG 20 P. 23
.....DEC 10 P. 2

.....JUL 02 P. 31
.....OCT 08 P. 5
.....NOV 12 P. 36

.....MAR 19 P. 14
.....APR 30 P. 54

.....JAN 22 P. 7
.....MAR 05 P. 6
.....MAR 19 P. 7
.....MAR 26 P. 7
.....APR 16 P. 6
.....APR 23 P. 6
.....JUN 18 P. 6
.....JUN 25 P. 6
.....JUL 02 P. 7
.....JUL 09 P. 24
.....JUL 16 P. 6
.....JUL 23 P. 6
.....JUL 23 P. 22
.....JUL 30 P. 6
.....AUG 13 P. 6
.....AUG 13 P. 7
.....AUG 27 P. 6

PEIA TO HOLD CLINIC ON HATCHERY MANAGEMENT
PEIA EMPLOYEE HONORED
PEIA APPROVES 1974 PLANS
NOISE PROGRAM
PEIA GROUP STUDIES EGG STABILIZATION

POULTRY & EGG NATIONAL BOARD
INSERT PROMOTION
PENB TO HOLD ANNUAL MEETING
MAJOR CHANGES HIGHLIGHT PENB
PENB EXECUTIVE COMMITTEE

POULTRY INDUSTRIES OF LOUISIANA, INC.
LOUISIANA POULTRY GROUP ELECTS RAE
LOUISIANA OFFICERS

POULTRY INDUSTRY SALES CLUB
GOLD ELECTED PRESIDENT OF POULTRY INDUSTRY SALES CLUB

POULTRY PROCESSORS ASSN.
HAWKINS ELECTED HEAD OF POULTRY PROCESSORS ASSN.

POULTRY SCIENCE ASSN.
POULTRY SCIENCE AWARDS

ROCKINGHAM POULTRY SERVICEMEN'S ORGANIZATION
RITCHIE ELECTED HEAD OF POULTRY GROUP

SAN JOAQUIN VALLEY HAY GROWERS ASSN.
SAN JOAQUIN HAY GROWERS MARKET 450,000 TONS

SOUTH CAROLINA TURKEY FEDERATION
SAFFORES ELECTED TO HEAD S.C. TURKEY FEDERATION

SOUTH DAKOTA EGG MARKETING TASK FORCE
SOUTH DAKOTA EGG TASK FORCE FROMED

SOUTHEASTERN POULTRY & EGG ASSN.
'SOUTHEASTERN' CONVENTION TO HAVE INTERNATIONAL FLAVOR
'SOUTHEASTERN' TO HAVE 'INTERNATIONAL DAY'
POULTRY INDUSTRY'S BIG THREE PROBLEMS: FEED PRICES, LABOR SHO
ALBIN JOHNSON NEW SOUTHEASTERN HEAD
BROOKS TO LEAD OFF SEPEA BUSINESS EXECUTIVES' SEMINAR
SOUTHEASTERN TO EXPAND SIZE OF BOARD OF DIRECTORS
SOUTHEASTERN ATTRACTS MANY FOREIGN VISITORS
SEPEA HOLDING POULTRY PROCESSORS WORKSHOP THIS WEEK
POULTRY SALES CLINIC SET FOR APRIL 23-24
'SOUTHEASTERN' FEED, GRAIN WORKSHOP TOPICS ANNOUNCED
'SOUTHEASTERN' APPOINTS 1973 COMMITTEE HEADS
YOUTH PROGRAM CHANGE
SOUTHEASTERN PROGRAMS
COLLEGE YOUTH PROGRAM
PANEL TO DISCUSS PRICE DISCOVERY
CONGRESSMAN TO BE SOUTHEASTERN SPEAKER

SOUTHERN ASSOCIATION OF AGRICULTURAL WORKERS
SOUTHERN AG WORKERS ELECT NEW OFFICERS

SOUTHWESTERN EGG PRODUCERS

.....AUG 27 P. 7
.....SEP 10 P. 22
.....OCT 29 P. 44
.....OCT 29 P. 47
.....NOV 26 P. 9

.....MAR 12 P. 42
.....MAR 26 P. 7
.....APR 09 P. 1
.....APR 30 P. 46

.....OCT 22 P. 6
.....OCT 29 P. 45

.....FEB 12 P. 25

.....FEB 05 P. 7

.....AUG 27 P. 7

.....NOV 12 P. 7

.....MAY 14 P. 26

.....JAN 08 P. 11

.....JUN 18 P. 6

.....JAN 01 P. 1
.....JAN 15 P. 6
SHORTAGE, REGULATIONS .....JAN 29 P. 1
.....FEB 05 P. 2
.....FEB 05 P. 6
.....FEB 05 P. 8
.....FEB 12 P. 7
.....MAR 19 P. 8
.....APR 09 P. 34
.....APR 30 P. 9
.....APR 30 P. 66
.....JUN 11 P. 32
.....OCT 29 P. 46
.....DEC 10 P. 23
.....DEC 10 P. 47
.....DEC 10 P. 52

.....FEB 12 P. 7

SWEP MEMBERSHIP VOTES TO DISSOLVE

SOUTHWESTERN POULTRY & EGG ASSN.
BECKER TO HEAD POULTRY, EGG GROUP

SPICE
SPICE POLLING N. Y. EGGMEN ON MARKETING ORDER

TENNESSEE FEED MANUFACTURERS ASSN.
TENNESSEE FEED MEN TO HEAR AFMA'S RAY
DEIBEL HEADS TENNESSEE FEED MANUFACTURERS

TEXAS BROILER COUNCIL
TEXAS BROILERMEN SET FUEL MEETING

TEXAS FARM BUREAU
TEXAS FARM BUREAU TO BEGIN CATTLE FEEDING

TEXAS GRAIN & FEED ASSN.
TEXAS GRAIN MEN TO MEET APRIL 5-7 IN SAN ANTONIO
SKAGGS TO HEAD TEXAS FEED MEN

UNITED EGG PRODUCERS
UEP ANNUAL MEETING TO CONVENE APRIL 7
UEP ASKS BUTZ FOR TOP LEVEL MEETING ON SOYBEAN MEAL
UEP PHONE NUMBER
UEP BOARD MEETING SET FOR OCT. 25-26
UEP BOARD REQUESTS SPECIAL MEMBERSHIP MEET
UEP OFFICES TO REMAIN IN ATLANTA

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
UN ASSIGNMENT

U.S. BREWERS ASSN.
U.S. BREWERS REPORT ON RESEARCH WORK

U.S. FEED GRAINS COUNCIL
LUDWIG HEADS FEED GRAINS COUNCIL

VALLEY BROILER PRODUCERS ASSN.
TURNER RE-ELECTED HEAD OF VIRGINIA BROILER GROUP

VERMONT FEED DEALERS & MANUFACTURERS ASSN.
VERMONTERS TO BE BRIEFED ON WORLD MARKET
VERMONT FEED PROGRAM CHANGES
MORRILL HEADS VERMONT FEEDMEN

VIRGINIA AGRIBUSINESS COUNCIL
VIRGINIA AG GROUP TO HEAR CONGRESSMAN
VIRGINIANS NAME LEADERS, ADOPT RESOLUTIONS

VIRGINIA POULTRY FEDERATION
VIRGINIA POULTRY FUND SCHOLARSHIP TO $3,300

VIRGINIA STATE FEED ASSN.
VIRGINIA FEED, NUTRITION MEETING SET FOR FEB. 13-15
GRAIN SITUATION TO BE DISCUSSED AT VIRGINIA CONVENTION
VIRGINIA STATE FEED ASSN. MEMBERSHIP UP

T INDEX
973

.....JAN 08 P. 10

.....SEP 24 P. 6

.....DEC 24 P. 32

.....AUG 27 P. 2
.....OCT 29 P. 2

.....DEC 31 P. 37

.....JUN 11 P. 17

.....MAR 26 P. 4
.....APR 23 P. 4

.....MAR 19 P. 16
.....MAY 07 P. 10
.....AUG 20 P. 41
.....OCT 08 P. 22
.....NOV 26 P. 9
.....DEC 03 P. 6

.....OCT 22 P. 30

.....NOV 26 P. 43

.....SEP 10 P. 2

.....APR 30 P. 66

.....AUG 27 P. 2
.....OCT 01 P. 8
.....OCT 29 P. 4

.....AUG 27 P. 13
.....SEP 24 P. 6

.....JUL 09 P. 37

.....JAN 15 P. 26
.....FEB 05 P. 76
.....FEB 19 P. 43

HARRIS TO HEAD VIRGINIA FEED ASSN.

VIRGINIA STATE POULTRY FEDERATION
VIRGINIA POULTRY FEDERATION TO BUILD
FEDERATION RECEIVES GRANT
VIRGINIA POULTRY FEDERATION AWARDS BUILDING CONTRACT
VIRGINIA POULTRY FEDERATION
MEMBERSHIP PLAQUE
VIRGINIA POULTRY FEDERATION GIVEN SCHOLARSHIP FUNDS
ROLAND COLE TO HEAD VIRGINIA POULTRY FEDERATION
VIRGINIA POULTRYMEN HONORED AT CONVENTION
VIRGINIA POULTRY OFFICERS
POULTRY FEDERATION COMPLETES RELOCATION
AGRI-INDUSTRIES CENTER TO BE DEDICATED

WASHINGTON POULTRY INDUSTRIES ASSN.
H&N'S WHITCOMB HEADS WASHINGTON POULTRY GROUP

WASHINGTON STATE FEED ASSN.
SEMINAR PLANNED IN CONJUNCTION WITH WASHINGTON MEETING
WASHINGTON FEED ASSN. ELECTS OBERST

WATER TRANSPORT ASSN.
WATER TRANSPORT ASSN. RELOCATES IN NEW YORK

WHEY PRODUCTS INSTITUTE
DRY MILK, WHEY INSTITUTES' MEETS SET

WISCONSIN AGRI-BUSINESS COUNCIL
ANNUAL WISCONSIN AGRI-BUSINESS MEET SCHEDULED

WISCONSIN EGG PRODUCERS ASSN.
DEGAN ELECTED PRESIDENT OF WISCONSIN EGG GROUP

WISCONSIN FEED, SEED AND FARM SUPPLY ASSN.
WISCONSIN FEED SCHOOL RE-SCHEDULED FOR AUGUST

WISCONSIN HATCHERIES ASSN.
WISCONSIN HATCHERY GROUP REELECTS OFFICERS
HATCHERY ASSOCIATION OFFICERS ELECTED

WISCONSIN HAY COUNCIL
WISCONSIN HAY COUNCIL ESTABLISHED
HAY GROUP TO STUDY BONDING OF DEALERS

WISCONSIN POULTRY IMPROVEMENT ASSN.
WISCONSIN POULTRY GROUP ELECTS OFFICERS

WISCONSIN SOYBEAN ASSN.
SOYBEAN ASSOCIATION FORMED IN WISCONSIN

WORLD'S POULTRY CONGRESS
CHAMPAIGN TO FUND WORLD'S POULTRY CONGRESS ANNOUNCED
WORLD POULTRY CONGRESS PICKS TRAVEL COORDINATORS
WORLD'S POULTRY CONGRESS TO CA-1 FOR SCIENTIFIC PAPERS
EXHIBIT SPACE OF POULTRY MEET SOLD
POULTRY CONGRESS CHAIRMEN
CONGRESS PLANS

INDEX
73

.....MAR 05 P. 9

.....JAN 08 P. 10
.....JAN 15 P. 18
.....FEB 05 P. 20
.....APR 09 P. 61
.....APR 30 P. 54
.....MAY 14 P. 40
.....MAY 28 P. 7
.....MAY 28 P. 22
.....JUN 18 P. 41
.....JUL 23 P. 7
.....AUG 20 P. 23

.....OCT 29 P. 6

.....JAN 08 P. 13
.....JAN 29 P. 8

.....JAN 22 P. 17

.....FEB 12 P. 37

.....NOV 12 P. 36

.....MAY 14 P. 21

.....MAY 14 P. 8

.....JAN 08 P. 24
.....DEC 17 P. 33

.....FEB 26 P. 70
.....MAY 07 P. 74

.....AUG 20 P. 49

.....JUL 23 P. 43

.....APR 16 P. 7
.....MAY 07 P. 88
.....MAY 14 P. 36
.....JUL 02 P. 7
.....JUL 16 P. 20
.....SEP 24 P. 23

WORLD CONGRESS YOUTH COMMITTEE PLANS ACTIVITIES

WORLD'S POULTRY SCIENCE ASSN.
WORLD POULTRY SCIENCE GROUP TO LAUNCH FUND DRIVE

WYOMING GRAIN, FEED & SEED DEALERS ASSN.
SNYDER TO HEAD WYOMING GROUP

AUTHORS

ALLISON, DR. JOHN R.
CAN PROFITS BE MADE FINISHING CATTLE WITH HIGH FEED PRICES?

ALMQUIST, H. J.
ENERGY VALUES OF SAFFLOWER MEALS FOR TURKEYS
INCREASING THE LYSINE CONTENT OF FEEDSTUFF PROTEINS

ARNOLD, WILLIAM L.
DEHYDRATORS FUNDED RESEARCH IN AREAS OF CATTLE, SWINE, POULTRY

BABB, E. M.
INDUSTRY VIEWS OF HOG CONTRACTING

BAIRD, DR. D. M.
FOOD WASTE MAKES HIGH ENERGY SWINE DIET

BAKER, J. P.
THE INFLUENCE OF DEHY ON FIBER UTILIZATION BY CECAL ORGANISMS

BALLOUN, DR. S. L.
THERE ARE ALTERNATIVES TO THE HIGH PROTEIN PRICE SITUATION

BAUMEL, C. PHILLIP
COST OF LEASING RAIL HOPPER CARS
COMPARING LEASING VERSUS BUYING RAIL HOPPER CARS

BLAIR, JESS F.
COMMERCIAL, SUBURBAN CUSTOMERS BOOST CAPITOL FEED'S BUSINESS
SOUTHWEST FEED COMPANY GROWS WITH RANGE BLOCKS, SUPPLEMENTS

BLAIR, DR. ROBERT
USEFUL TABLES FOR DIET FORMULATION
RECYCLING ANIMAL WASTES
RECYCLING ANIMAL WASTES

BORNSTEIN, DR. S.
VALUE OF DRIED CATTLE MANURE AS A FEEDSTUFF FOR POULTRY

BRIDSON, RANDY
PEAVEY'S 'ONE-STOP SHOP' IN MONTANA REPRESENTS NEW CONCEPT IN

BROWN, PROF. R. G.
USE OF TRANQUILIZERS AND ANTI-STRESS AGENTS IN SWINE NUTRITION

BROWN, ROBERT H.
AUTOMATING THE POULTRY HOUSE
NEW PLANT HELPS COLLINSVILLE MILLING EXPAND BEEF, DAIRY FEED B
B. M. HANCOCK: PIONEER IN THE SOUTHEASTERN BROILER BUSINESS

T INDEX
973

.....SEP 24 P. 44

.....MAR 12 P. 57

.....FEB 19 P. 2

.....MAR 05 P. 24

.....JUN 18 P. 28
.....OCT 08 P. 24

TRY AND HORSE NUTRITION .....FEB 05 P. 43

.....MAY 07 P. 53

.....MAR 12 P. 20

MS FROM THE HORSE .....FEB 05 P. 64

.....JUL 16 P. 26

.....JUL 09 P. 28
.....JUL 16 P. 26

S .....OCT 15 P. 41
.....DEC 17 P. 25

.....JAN 29 P. 42
.....MAR 05 P. 32
.....MAR 19 P. 31

.....JUN 11 P. 22

IN FARM RETAILING .....FEB 12 P. 28

ION .....JUN 04 P. 28

.....JAN 29 P. 44
D BUSINESS .....MAR 05 P. 31
S .....APR 09 P. 39

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

FEED DRIVE-IN SPEEDS UP SERVICE TO CUSTOMERS OF FUZZY'S FEED M
WITH EGG PRODUCTION STABILIZING, PRODUCER EYES DIVERSIFICATION
SOUTHEAST FEEDLOT MILL DESIGNED FOR LOCAL INGREDIENT AVAILABIL
MILL RECORDS ARE PART OF QUALITY CONTROL PROGRAM AT H.F.C. FEE
CONAGRA'S RISE IN THE SOUTH

BURKE, DR. RUDOLF
THE NUTRITIVE VALUE OF FEED GRADE ANIMAL FAT

CALVERT, DR. C. C.
FEED ADDITIVE RESIDUES IN ANIMAL MANURE PROCESSED FOR FEED

CAREW, DR. L. B., JR.
ESTABLISHING STANDARDIZED PROCEDURES FOR METABOLIZABLE ENERGY

CHARLES, DR. O. W.
FIELD PROBLEMS IN TURKEY NUTRITION

CHEEKE, DR. P. R.
UTILIZATION OF DRIED WHEY BY GROWING-FINISHING SWINE
ALFALFA PROTEIN CONCENTRATE: A NEW PROTEIN SUPPLEMENT FOR SWI

CHRISTENSEN, DR. C. M.
TESTS WITH PROPIONIC AND ACETIC ACIDS AS GRAIN PRESERVATIVES
RSLTS OF FD TESTS WITH GRAIN RATIONS INVADED BY MXTR NATURALLY

CONRAD, H. R.
COARSE ALFALFA PELLETS SUBSTITUTE FOR HAY

COUCH, DR. J. R.
NEW DEVELOPMENTS IN POULTRY NUTRITION
NEW DEVELOPMENTS IN POULTRY NUTRITION
REVIEW OF THE LATEST DEVELOPMENTS IN POULTRY NUTRITION AND REL
REVIEW OF LATEST DEVELOPMENTS IN POULTRY NUTRITION & RELATED F

COVER, DR. M. S.
THE M.M.A. SWINE DISEASE SYNDROME

CRANE, DR. FRANK M.
FEEDING THE DAIRY COW FOR HIGH MILK PRODUCTION AND MAXIMUM PRO
THE LAMB FATTENING INDUSTRY IN SPAIN

CREGER, DR. C. R.
BROILER LITTER SILAGE FOR FATTENING BEEF ANIMALS

CUNHA, DR. T. J.
RECENT DEVELOPMENTS IN MINERAL NUTRITION
THE VALUE OF SELENIUM IN ANIMAL FEEDING

CUNNINGHAM, F. E.
SOME NUTRITIONAL ASPECTS OF EGG YOLK MOTTLING

DEACON, BILL
FINANCIAL MARKETING: A FRESH CONCEPT FOR FEED MANUFACTURERS

DEYOE, C. W.
RESULTS FROM EXAMING UREA-CONTAINING PROTEIN SUPPLEMENTS BY SC
USING ENZYMES TO REDUCE VISCOSITY OF A HEMICELLULOSE EXTRACT

T INDEX
973
D MILL .....JUN 04 P. 32
ION .....JUL 09 P. 30
BILITY .....AUG 20 P. 28
FEEDS .....NOV 05 P. 31
.....DEC 24 P. 19

.....OCT 29 P. 27

.....APR 23 P. 32

GY DETERMINATIONS .....MAR 19 P. 25

.....MAY 14 P. 28

.....JUL 23 P. 25
SWINE .....DEC 10 P. 24

S .....FEB 26 P. 37
LLY PRSNT FUNGI PLUS ASPRG FLAVUS NRRL 2999 .....APR 02 P. 20

.....FEB 05 P. 56

.....APR 09 P. 31
.....APR 16 P. 34
RELATED FIELDS .....SEP 17 P. 34
D FIELDS .....OCT 15 P. 36

.....MAR 12 P. 18

PROFIT .....AUG 13 P. 24
.....OCT 15 P. 39

.....JAN 15 P. 25

.....MAY 14 P. 27
.....MAY 21 P. 48

.....AUG 06 P. 27

S .....SEP 17 P. 32

SCANNING ELECTRON MICROSCOPY .....NOV 05 P. 25
T .....NOV 19 P. 22

DINIUS, D. A.
WOOD WASTE MATERIALS AS FEEDSTUFFS FOR RUMINANTS

DIVEN, DR. R. H.
FEEDING WHEAT TO CATTLE

DUFT, DR. KEN D.
WAGE AND SALARY ADMINISTRATION

MICHAEL DUNCAN
MAKING THE MOST OF YOUR PROTEIN DOLLAR

DUREN, EDWARD
USE OF WATER AND SUPPLEMENTAL NUTRITION FOR STRESSED CATTLE

ECKHOFF, N. D.
FEASIBILITY AND MARKET POTENTIAL OF ON-LINE NEUTRON ACTIVATION

FARRIS, DR. D. E.
EARLY VS. LATE TURKEY MARKETING
POTENTIAL EFFICIENCIES DUE TO INTEGRATED CATTLE OPERATIONS COM

FISHER, DR. C.
USE OF COPPER SULFATE AS A GROWTH-PROMOTER FOR BROILERS

FOX, M. R., SPIVEY
TRACE MINERALS IN FOOD: NUTRITIONAL-TOXICOLOGICAL PROBLEMS

FRAHM, D. G.
INDUSTRY VIEWS OF HOG CONTRACTING

FREIVALDS, JOHN
BRAZIL: A GROWING COMPETITOR FOR U.S. SOYBEAN MARKETS

FRITSCHEN, R. D.
CONFINEMENT PRODUCTION OF GROWING-FINISHING SWINE

FROST, DOUGLAS V.
SELENIUM AS A FEED ADDITIVE: A CRITIQUE

FULLER, DR. H. L.
EFFECT OF DIET COMPOSITION ON FEED INTAKE AND GROWTH OF CHICKS

GEORGE, ED
EVALUATION OF CHARACTERISTICS USED TO CULL LAYING HENS

GOATCHER, DR. W. D.
ESTABLISHING SAFETY OF FEED ADDITIVES USED FOR PRODUCATION ENH
ESTABLISHING EFFICACY OF FEED ADDITIVES USED FOR PRODUCTION EN

GREENBAUM, DR. SHELDON B.
VITAMIN D: A REVIEW OF ITS FORMS, STABILITY, AVAILABILITY AND

HALE, DR. W. H.
PROGRESS IN GRAIN PROCESSING

HALLORAN, H. R.

T INDEX
973

.....APR 02 P. 22

.....DEC 17 P. 20

.....SEP 03 P. 26

.....OCT 15 P. 31

.....OCT 22 P. 24

ION ANALYSIS OF CEREAL GRAINS FOR PROTEIN .....OCT 22 P. 23

.....JAN 08 P. 33
COMPARED TO THE OPEN MARKET .....OCT 08 P. 23

.....JUL 16 P. 24

.....MAR 26 P. 30

.....MAY 07 P. 53

.....OCT 22 P. 22

.....MAR 12 P. 17

.....DEC 03 P. 26

CKS UNDER HEAT STRESS .....OCT 29 P. 30

.....JUL 09 P. 29

ENHANCEMENT .....MAY 21 P. 47
ENHANCEMENT .....MAY 28 P. 19

AND ACTION .....APR 16 P. 30

.....NOV 26 P. 18

ENERGY VALUES OF SAFFLOWER MEALS FOR TURKEYS

HARMS, DR. ROBERT H.
CALCIUM METABOLISM IN THE LAYING HEN AS RELATED TO EGGSHELL QU
HOW TO BEAT THE COST OF HIGH PROTEIN CONCENTRATES BY REDUCING

HARRIS, R. R.
COMPARISON OF PROTEIN SUPPLEMENTS IN STEER FINISHING RATIONS

HASTINGS, DR. W. H.
IMPACT OF FISH FEED MANAGEMENT AND PROCESSING ON PROFIT

HINTZ, H. F.
DIGESTION IN THE HORSE

HUBBELL, CHARLES H.
FEEDSTUFFS ANALYSIS TABLE

JOHNSON, DR. CONWELL W.
SURVEY SHOWS RENDERERS' PRODUCTS LOW IN PCBS

JOHNSON, ZELPHA B.
MULTIPLE BLENDING OF DIETS AS A MEANS OF ALLOCATING SCARCE ING

JORDAN, DR. H. C.
EVALUATION OF CHARACTERISTICS USED TO CULL LAYINGS HENS
HARDWOOD BARK AS A POULTRY LITTER

JORDAN, DR. R. M.
FEEDER LAMB RESPONSES TO SUNFLOWER HULLS, DEHYDRATED ALFALFA,
EFFECT OF SELF-FEEDING EARLY WEANED LAMBS AN ALL-CONCENTRATE D

KARR, DR. MEL
ROUGHAGE REPLACEMENT VALUE OF DEHYDRATED ALFALFA PELLETS

KIENHOLZ, DR. ELDON W.
ROASTED SOYBEANS IN GROWING AND FINISHING DIETS FOR LARGE TURK

KLOPFENSTEIN, DR. TERRY
DEHY AS ROUGHAGE IN CATTLE FINISHING RATIONS

KOHLER, GEORGE O.
UNIDENTIFIED GROWTH AND REPRODUCTION FACTORS IN ALFALFA

KOTTMAN, ROY M.
FUTURE PROSPECTS FOR U.S. ANIMAL AGRICULTURE

LIPSTEIN, DR. BIANKA
VALUE OF DRIED CATTLE MANURE AS A FEEDSTUFF FOR POULTRY

LOFGREN, P.
UNIDENTIFIED GROWTH AND REPRODUCTION FACTORS IN ALFALFA

MCCULLOUGH, DR. M. E.
ENERGY MANAGEMENT AND RUMINANT PRODUCTION

MANLEY, FRED A.
EVALUATING THE VARIABLES THAT GO INTO A BUYING DECISION

INDEX
973
.....JUN 18 P. 28

QUALITY .....FEB 12 P. 30
NG PROTEIN LEVELS IN GROWER RATIONS .....FEB 19 P. 30

S .....DEC 03 P. 28

.....APR 30 P. 33

.....JUL 02 P. 25

.....JUL 23 P. 29

.....OCT 29 P. 28

INGREDIENTS ON A LEAST-COST BASIS .....SEP 03 P. 29

.....JUL 09 P. 29
.....NOV 19 P. 20

A, TRITICALE AND AN ALL-CONCENTRATE RATION .....MAY 28 P. 17
E DIET .....MAY 28 P. 18

.....FEB 05 P. 54

URKEYS .....JAN 08 P. 30

.....FEB 05 P. 52

.....FEB 05 P. 49

.....JAN 01 P. 12

.....JUN 11 P. 22

.....FEB 05 P. 49

.....FEB 12 P. 34

.....OCT 22 P. 28

MEYERS, DR. SAMUEL P.
VARIABILITY IN PROXIMATE ANALYSIS OF DIFFERENT PROCESSED SHRIM

MILLER, DAVID
THE COMPOSITION OF VARIOUS FISHERY PRODUCTS USED IN THE PRODUC

MILLER, E. R.
EFFECTS OF LOW LEVELS OF SUPPLEMENTAL TALLOW IN THE FINISHING

MOODY, DR. E. GRANT
TRITICALE IN DAIRY CATTLE RATIONS

MORRISON, DR. S. H.
INGREDIENT ANALYSIS AND ESTIMATED FEED VALUE TABLES FOR BEEF A

MORTON, ROBERT C.
REDUCING THE CONFUSION OVER 'MANAGEMENT BY OBJECTIVES'
MANAGEMENT BY OBJECTIVES: IMPLEMENTING THE PROGRAM
PERFORMANCE REVIEW: MANAGEMENT'S BEST WAY TO COMMUNICATE WITH
MANAGEMENT CONSULTING: WHEN TO USE IT
ARE YOUR SALES EFFORTS ON TARGET?

NATZ, DARYL
ARIZONA FEEDS GOES TO DRY HEAT PROCESSING OF GRAIN AT ITS TUCS
AT TODAY'S PRICES FOR FDR CATTLE & FD, COMMERCIAL FDLTS LIKELY
BACK-TO-THE-LAND, 'MINI-FARM' TRENDS ALTERING FEED MARKETING P
SAFETY IN THE FEED MILL

NELSON, AL P.
ROCCO FEEDS: CENTRALIZATION OF FEED MILLING, HATCHERIES PAYS
BUCKEYE FEED MILLS MAKES STRONG COMEBACK AFTER FIRE DESTROYED
GLECO MLG SERVES BOTH LARGE, SMALL FD CUST IN VIRGINIA TRADE A
EXPANDED CORN HANDLING COMPLEX HELPS GROWTH OF CO-OP'S FARM SU
DISASTER CAN STRIKE DESPITE BEST PRECAUTIONS
EXPANSION FROM ONE TO THREE MILLS INCREASES SERVICES OFFERED B
MICHIGAN FARM SUPPLIER MOVES FEED CUSTOMERS' EGGS TO MARKET
DEALER'S PROJECTS ENCOURAGE INDEPENDENT EGG, HOG PRODUCERS
MANAGEMENT, PRODUCTS, SERVICE SCORE FOR WISCONSIN FEED FIRM
MIDWESTERN SUPERMARKET FIRM SOLD ON PRODUCING OWN MARKET EGGS
LINING UP FEEDER PIG SUPPLIES BOOSTS DEALERS' HOG FEED TONNAGE
SHIFT AWAY FROM LIVESTOCK ALTERS BUSINESS FOR IOWA FEED DEALER
GRAIN, FEED FIRM PROMOTES FOUR PRODUCT LINES PROFITABLY

ORME, LEO E.
USE OF DRIED SLUDGE FROM PAPER PROCESSING WASTES IN TROUT DIET

PFOST, DR. H. B.
GELANTINIZATION DURING PELLETING
EFFECT OF SURFACE ACTING AGENTS & OTHER COMPOUNDS ON PHYS PROP
MAKING THE MOST OF YOUR PROTEIN DOLLAR
EFFECT OF COLLOIDAL BINDERS AND OTHER FACTORS ON PELLETING

POLIN, DR. D.
SPONTANEOUS VS. INDUCED FATTY LIVER-HEMORRHAGIC SYNDROME IN AD

QUISENBERRY, DR. J. H.
INCANDESCENT AND FLUORESCENT LIGHTING FOR LAYING HENS

T INDEX
973

RIMP MEALS .....NOV 12 P. 34

DUCTION OF ANIMAL FEEDS .....DEC 03 P. 29

NG RATIONS OF MEAT-TYPE PIGS .....OCT 29 P. 33

.....FEB 19 P. 38

F AND SHEEP GROWING-FINISHING RATIONS .....SEP 10 P. 33

.....FEB 05 P. 37
.....MAR 19 P. 40
ITH EMPLOYEES .....MAY 07 P. 115
.....AUG 13 P. 26
.....OCT 01 P. 29

UCSON FEED MILL .....JAN 15 P. 23
ELY TO LEAN MORE ON OUTSIDE INVSTRS' CAPITAL .....MAR 26 P. 24
G PATTERNS .....APR 23 P. 29
.....MAY 07 P. 50

YS OFF FOR POULTRY INTEGRATOR .....JAN 08 P. 34
ED PLANT .....MAR 26 P. 26
E AREA; DAIRY, BEEF FDS MAKE UP MOST OF BUS .....APR 02 P. 27
SUPPLY BUSINESS .....APR 16 P. 32
.....APR 30 P. 32
D BY RIO .....MAY 14 P. 29
.....MAY 28 P. 20
.....JUN 11 P. 26
.....AUG 06 P. 31
GS .....AUG 20 P. 30
AGE .....SEP 03 P. 32
LER .....OCT 08 P. 28
.....DEC 10 P. 26

IETS .....DEC 10 P. 28

.....JUN 04 P. 33
ROP OF HEMICELLULOSE EXTRACT & CANE MOLASSES .....JUN 18 P. 24
.....OCT 15 P. 31
.....NOV 26 P. 21

ADULT FEMALE CHICKENS .....MAY 21 P. 40

.....NOV 05 P. 30

REECE, F. N.
DESIGN OF A SMALL, PUSHBUTTON FEED MILL FOR RESEARCH STATIONS

REID, DR. B. L.
CHELATED MINERALS IN POULTRY NUTRITION

ROBERTS, T. C., JR.
FEASIBILITY OF PROTEIN DETERMINATION OF WHEAT BY CAPTURE GAMMA

SANFORD, P. E.
SOME NUTRITIONAL ASPECTS OF EGG YOLK MOTTLING

SCHRUBEN, DR. LEONARD W.
A SYSTEMS APPROACH TO ANALYSIS OF COMMUNICATION OF MANAGEMENT
CONTROLLING TRUCK COSTS

SCOTT, DR. M. L.
USEFUL TABLES FOR DIET FORMULATION
PROCESSED WHOLE SOYBEANS IN COMMERCIAL LAYER DIETS

SHELLENBERGER, DR. J. A.
UNIVERSITY LEVEL EDUCATIONAL PROGRAMS FOR THE FORMULA FEED IND

SMITH, KENNETH D.
DEHY INDUSTRY CLOSED 1972 WITH LOW INVENTORIES, HIGH PRICES

SULLIVAN, DR. T. W.
UTILIZATION OF PROTEIN SUPPLEMENTS TO MINIMIZE TURKEY FEED COS

TALLEY, S. MORRIS
EFFECT OF PLANT PROTEIN QUALITY & SOURCE ON GROWTH, SEXUAL DVL

ULLREY, DR. DUANE E.
SELENIUM DEFICIENCY IN SWINE PRODUCTION

VOHRA, DR. PRAN
FEEDING GAME BIRDS

WAHLSTROM, DR. RICHARD C.
HIGH-LYSINE CORN IN SWINE DIETS

WALDROUP, DR. P. W.
CONVERTING HYDROCARBONS TO PROTEIN SOURCES FOR POULTRY FEEDING
MULTIPLE BLENDING OF DIETS AS A MEANS OF ALLOCATING SCARCE ING

WALLIZE, JOHN A.
COMPARING LEASING VERSUS BUYING RAIL HOPPER CARS

WARD, DR. GERALD M.
POSTNATAL NUTRITION AND ITS EFFECT ON FEED UTILIZATION AND BOD
DIGESTIBILITY OF PROCESSED FEEDLOT MANURE

WHELAN, JOHN C.
INCONSISTENCIES IN LABORATORY EVALUATION OF GRAIN PROCESSING

WILGUS, H. S.
TEMPERATURE-PROGRAMMED FEEDING SCHEDULES & OTHER MEANS OF CONS

T INDEX
973

NS .....SEP 24 P. 39

.....JAN 29 P. 38

MMA-RAY ANALYSIS .....APR 30 P. 30

.....AUG 06 P. 27

NT INFORMATION .....OCT 08 P. 25
.....NOV 26 P. 23

.....JAN 29 P. 42
.....MAR 26 P. 32

INDUSTRY .....JAN 22 P. 28

.....FEB 05 P. 43

COSTS .....APR 09 P. 33

DVLPMNT & SUBSEQUENT PRODUCTIVITY OF POULTRY .....APR 30 P. 26

.....NOV 12 P. 30

.....AUG 20 P. 26

.....MAR 12 P. 23

ING .....MAR 05 P. 34
INGREDIENTS ON A LEAST-COST BASIS .....SEP 03 P. 29

.....JUL 16 P. 26

BODY COMPOSITION OF RUMINANTS .....JUN 11 P. 24
.....JUL 09 P. 25

G .....DEC 24 P. 16

ONSERVING PROTEIN IN MARKET TURKEY PRODUCTION .....JUL 02 P. 27

WILKINSON, BRUCE M.
COLORADO EGG PRODUCTION CONTINUES STEADY UPTREND
DEVELOPING NEW TURKEY PRODUCTS BUILDS SALES FOR COLORADO'S NO.

WILLS, WALTER J.
ELEVATORS VS. RAILROADS: SITE RENTALS

WOLFORD, DR. J. H.
SPONTANEOUS VS. INDUCED FATTY LIVER-HEMORRHAGIC SYNDROME IN AD

YACOWITZ, DR. HAL
REDUCING COSTS IN BROILER PRODUCTION

ZUROWSKI, TOM
HI-PRO FEEDS' COMPUTER SYSTEM: MULTI-FUNCTIONAL, EASY TO OPER

BAG HANDLING
RAIL COMMITTEE APPROVES USE OF POLY BAGS

BARGAINING
BARGAINING MEET TOLD THERE'S A PLACE FOR BARGAINING IN GRAIN
SURVEY REVEALS MAJOR BARGAINING GROUP PROBLEMS

BERMUDA GRASS
BRIGHT FUTURE SEEN FOR COASTAL BERMUDA GRASS IN ANIMAL RATIONS
BERMUDA GRASS CITED AS ALTERNATIVE TO FEED GRAINS FOR HIKING B

BLOAT
KANSAS STATE DEVELOPS BLOAT PREVENTIVE

BOOKS AND PUBLICATIONS
OSHA EVALUATION VOLUMES AVAILABLE
FUNDAMENTALS OF LAND SPECULATION DISCUSSED
ANIMAL RESEARCH TECHNIQUES DISCUSSED
USDA STUDIES HEDGING IN COMMODITY FUTURES
LISTING OF INFORMATION ON SOLID WASTE ISSUED
PIG RESEARCH INDEX AVAILABLE FROM ENGLAND
TURKEY MERCHANDISING SURVEY RESULTS PUBLISHED
REPORTS ON ANTIBIOTICS IN FEEDS PUBLISHED
COMMERCIAL BEEF CATTLE PRODUCTION REVIEWED
ARTICLE COMPILES EXTENSIVE DATA ON FISH
USDA UPDATES NEWS SERVICE FOLDER
PRODUCERS GIVEN VIEW OF FUTURES MARKET
INTERNATIONAL CONSULTANT STUDIES COMMON MARKET
ASA PUBLISHES BOOK ON EVOLUTION OF ALFALFA
10 STATES PUBLISH BEEF FEEDING HANDBOOK
BIBLIOGRAPHY COVERING CONSULTING RELEASED
U.S. DEPARTMENT OF LABOR PUBLISHES OSHA BOOKLET
LIQUID FEEDS SYMPOSIUM PROCEEDINGS PUBLISHED
HABITS OF WISCONSIN DAIRYMEN SURVEYED
NUTRIENT REQUIREMENTS OF DOGS PUBLISHED
PENN STATE PUBLISHES POULTRY HEALTH HANDBOOK
NUTRITIONAL NEEDS OF HORSES EVALUATED
BIBLIOGRAPHY AVAILABLE ON ANIMAL WASTES
FINANCE MANAGEMENT IN AGRICULTURE STUDIED
USE OF COMPUTERS AT AUCTIONS DISCUSSED
PROCESSING PLANT LAYOUT PLAN OFFERED

T INDEX
973

	.....JAN 29 P. 48
NO. 1 PRODUCER	.....APR 09 P. 36
	.....MAY 21 P. 70
ADULT FEMALE CHICKENS	.....MAY 21 P. 40
	.....FEB 12 P. 32
PERATE	.....APR 02 P. 28
	.....OCT 22 P. 36
N	.....FEB 05 P. 8
	.....SEP 27 P. 47
ONS	.....MAR 26 P. 9
G BEEF OUTPUT	.....APR 23 P. 10
	.....SEP 03 P. 4
	.....JAN 08 P. 44
	.....FEB 05 P. 68
	.....FEB 05 P. 68
	.....FEB 26 P. 70
	.....FEB 26 P. 70
	.....APR 02 P. 36
	.....APR 02 P. 36
	.....APR 02 P. 36
	.....APR 02 P. 36
	.....APR 16 P. 43
	.....APR 16 P. 43
	.....APR 16 P. 43
	.....APR 23 P. 40
	.....APR 23 P. 40
	.....APR 30 P. 45
	.....APR 30 P. 45
	.....MAY 07 P. 95
	.....MAY 07 P. 95
	.....MAY 07 P. 95
	.....MAY 07 P. 96
	.....MAY 07 P. 96
	.....MAY 07 P. 98
	.....MAY 28 P. 35
	.....JUN 11 P. 36
	.....JUN 11 P. 36
	.....JUN 18 P. 42

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

AEB DISTRIBUTES FREE EGG RETAILER'S MANUAL
FOLDER DISCUSSES TRANSPORTATION RATES
SUMMARY AVAILABLE OF GAME BIRD CONFERENCE
USDA TURKEY STUDAY POINTS OUT CHANGES
POLLUTION RESULTS OF FISH CULTURE REPORTED
REVIEW TAME RABBIT IN COLORADO BULLETIN
USDA SEES DECREASE IN EUROPEAN CORN IMPORTS
AMS EXPLAINS SAMPLE LOT INSPECTION SERVICE
ANIMAL NUTRITION PROCEEDINGS PRINTED
WISCONSIN EXTENSION OFFERING CO-OP BOOK
MERCK OFFERS UPDATE OF VETERINARY MANUAL
LINEAR PROGRAMMING USED AS FARM AID
THERMAL AGRICULTURE EVENT PUBLICIZED
U.S. TRADE, EXPORT POLICIES EXAMINED
NEW PROTEIN SOURCES DISCUSSED
PEPA TO PUBLISH INDUSTRY DIRECTORY
ECONOMISTS EVALUATE WORLD FOOD DILEMMA
CHEMURGIC PUBLISHES MEETING PROCEEDINGS
TEXAS POULTRY GROUPS DISCUSSED
AUTHORS CLAIM EGGS HELP SEX HEALTH
ANIMALS' SMELLS, TASTES EXAMINED
NCFC PUBLISHES COOPERATIVE DIRECTORY
CBT PUBLISHES COMMODITIES MANUAL
ACID TREATMENT FOR HIGH-MOISTURE GRAIN
GUIDELINES FOR CO-OP EMPLOYEES OFFERED
NUTRITION PROCEEDINGS
TEXT FOR AGRIBUSINESS MANAGEMENT OFFERED
PROTEIN PRODUCTS REPORT PUBLISHED
AAFCO PUBLICATION NOW AVAILABLE
LARGER AND FEWER PROCESSORS PREDICTED
FACT BOOK PUBLISHED ON COMMODITY TRADING
SAFETY PROGRAM GUIDE OFFERED
BASIC DAIRY CATTLE NUTRITION EXAMINED
FEED GRAINS COUNCIL ISSUES MAIZE REPORT
NEW CONFINEMENT METHOD EXPLAINED
PROPER BEEF CATTLE MARKETING DISCUSSED
CROP, LIVESTOCK GUIDE PUBLISHED
STEPS IN SHEEP PRODUCTION PUBLISHED
LIQUID FEED PROCEEDINGS PUBLISHED
CATTLE FEEDERS REFERENCE GUIDE
POULTRY HEALTH SUBJECT OF HANDBOOK
GUIDE TO ANIMAL DRUGS AVAILABLE
TEXAS CATTLE FEEDERS HANDBOOK PUBLISHED
REPORT ON JAPANESE PROTEIN RESEARCH
USDA PUBLISHES AGRICULTURAL CHARTS
SAFETY REGULATIONS PROCEDURES PUBLISHED
AG FINANCE SIXTH EDITION PUBLISHED
ONTARIO SHELL EGG REPORT PUBLISHED
BEEF CATTLE AND THE METRIC SYSTEM
SUNFLOWER CONFERENCE PROCEEDINGS AVAILABLE
GRAIN SORGHUM RESEARCH PUBLISHED
AGRIBUSINESS DIRECTORY TO BE PUBLISHED

BROILER HEALTH
SCIENTISTS ISOLATE HEMORRHAGIC ANEMIA SYNDROME AGENTS
DISEASE, MANAGEMENT SAID IMPORTANT IN BROILER FEEDING
ENCEPHALOMALACIA, WILD BIRD PROBLEM DISCUSSED
INCLUSION BODY HEPATITIS, OTHER DISEASES SUBJECTS AT HEALTH SE

T INDEX
973

.....JUL 16 P. 39
.....JUL 16 P. 39
.....JUL 23 P. 34
.....JUL 23 P. 34
.....JUL 23 P. 34
.....JUL 23 P. 34
.....AUG 06 P. 37
.....AUG 06 P. 37
.....AUG 13 P. 39
.....AUG 13 P. 39
.....SEP 03 P. 33
.....SEP 03 P. 33
.....SEP 03 P. 33
.....SEP 03 P. 33
.....SEP 03 P. 34
.....SEP 03 P. 34
.....SEP 10 P. 66
.....SEP 10 P. 67
.....SEP 10 P. 67
.....SEP 10 P. 67
.....SEP 10 P. 67
.....SEP 24 P. 25
.....SEP 24 P. 25
.....SEP 24 P. 25
.....SEP 24 P. 25
.....OCT 01 P. 24
.....OCT 01 P. 42
.....OCT 22 P. 34
.....OCT 22 P. 34
.....OCT 22 P. 34
.....OCT 22 P. 34
.....OCT 22 P. 34
.....OCT 22 P. 34
.....OCT 22 P. 34
.....OCT 22 P. 34
.....NOV 05 P. 38
.....NOV 05 P. 38
.....NOV 05 P. 38
.....DEC 03 P. 32
.....DEC 03 P. 32
.....DEC 03 P. 32
.....DEC 03 P. 32
.....DEC 10 P. 34
.....DEC 10 P. 34
.....DEC 10 P. 34
.....DEC 10 P. 34
.....DEC 10 P. 34
.....DEC 10 P. 34
.....DEC 17 P. 12
.....DEC 17 P. 12
.....DEC 17 P. 12
.....DEC 17 P. 12

.....APR 09 P. 24
.....JUL 02 P. 14
.....AUG 13 P. 18
SEMINAR .....NOV 19 P. 6

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

NUTRIENT DEFICIENCY SAID POSSIBLE DERMATITIS FACTOR

BROILER INDUSTRY

BROILER INDUSTRY WRESTLES WITH FEED COSTS, LABOR SHORTAGE
FUEL PINCH AFFECTS SOME IN SOUTHEAST
HIGH FEED COSTS SUCCEEDING IN BRINGING ABOUT PRODUCTION CONTRO
WINTER STORM HAD LITTLE EFFECT ON SOUTHERN POULTRYMEN
FREAKISH SOUTHEASTERN SNOWSTORM AFFECTS LAYER, BROILER OPERATI
BROILER PRODUCERS REACT TO HIGHER FEED INGREDIENT COSTS BY CUT
BROILER PRICES 'RIDING HIGH'
1973 POULTRY, EGG OUTLOOK IS FAVORABLE: USDA'S CATHCART
BROILER INDUSTRY PRICE BOOM CONTINUES; PROFITS CUT BY HIGHER P
FUTURE OF MAINE BROILER INDUSTRY SAID TO DEPEND ON COOPERATION
AVERAGE BROILER PRICE DROPS TO 40.95
NBMA'S LARKIN: HATCHING EGG SUPPLY WILL LIMIT 1973 BROILER PR
PENNAG SURVEY POINTS UP IMPORTANCE OF BROILER INDUSTRY TO RURA
STORM LOSSES HEAVY IN SOUTH CAROLINA
BREAKING 29 CENTS BARRIER BROILER INDUSTRY'S GREATEST CHALLENG
SOME BROILERMEN RAISE PREMIUMS
ECONOMISTS SEE RECORD GROSS INCOME FOR CALIFORNIA BROILERMEN
BROILER FAT RELATED TO GENETICS, SAY ARS RESEARCHERS
PRODUCER FEARS LEADING TO REDUCED POULTRY, EGG OUTPUT
GROSS INCOME FROM POULTRY IN 1972 UP FROM YEAR BEFORE
BROILER DEMAND HOLDING WELL; AFTER-EASTER OUTLOOK NOT CLEAR
BROILER BREEDERS IN PROCESS OF 'BREEDING SELVES OUT OF BUSINES
FLORIDA STUDY DETERMINES PRODUCTION COSTS, RETURNS OF GROWING
ENERGY CRISIS PROMPTS POULTRY INDUSTRY TO SEEK PRIORITY STATUS
FEED, BROILER PRICES DISCUSSED AT SEPEA OUTLOOK MEETING
BROILER MEN TO GET CREDIT INFO SERVICE
PRICE STABILIZATION PRIME NEED OF BROILER INDUSTRY
BROILER INDUSTRY TO HONOR ANNIVERSARY
COOKING CONTEST
POULTRYMEN, OTHERS MULL HIGH INGREDIENT PRICES
SOUTHEASTERN STORMS SPARE MOST POULTRYMEN
BROILERMEN TOLD DEMAND UP 42%, BUT COSTS UP 100% IN PAST YEAR
RAPID CHANGES IN TEXAS POULTRY INDUSTRY CITED
CREDIT REPORTING PROGRAM ENDORSED
HIGHER PRODUCTION COSTS LIKELY TO OFFSET POULTRY PRICE INCREAS
REPORT RISE IN BROILER DEMAND
OVER-ALL PRODUCTION COSTS UP 16% FROM LAST YEAR
CFMA SPEAKER SEES 3-5% ANNUAL GROWTH FOR CANADIAN POULTRY INDU
POULTRYMEN APPEAL FOR RELIEF ON PRODUCTION, FOOD COSTS
BROILER PRICES HIT 58 CENTS
HIGH PRODUCTION COSTS, TIGHT FINANCES, MAKING POULTRYMEN CAUTI
BROILER, EGG PRICES DROP IN FACE OF BUYER RESISTANCE
PULLORUM-TYPHOID TESTINGS DOWN 16%
TOPICS VARIED AT PEIA POULTRY, EGG SESSIONS
ALABAMA BROILER GROWERS MEET WITH FARM BUREAU
BROILER, TURKEY MEAT, EGGS ALL INCREASING
BROILER CHICK HATCHES, MARKET WEIGHTS, INCREASING IN EUROPE
POULTRYMEN AGAIN EXPRESS FEARS OF OVER-PRODUCTION
HIGH POULTRY PRICES SET STAGE FOR 1974 EXPANSION
STRONG POULTRY, EGG PRICES OFFSET HIGHER FEED COSTS
BROILERMEN UNSURE ABOUT FUTURE PRICES
BROILER CONTRACTS SAID TO NEED REWARDING QUALITY
ROLE OF BROILER GROWERS, SERVICEMEN CITED
PRIMARY POULTRY BREEDERS SAY MARGINS TOO LOW
BROILERMEN REPORT ON NBC-SPONSORED TOUR OF EUROPEAN POULTRY

T INDEX
973

	.....NOV 19 P. 6
	.....JAN 01 P. 8
	.....JAN 29 P. 8
TROLS IN BROILER INDUSTRY	.....JAN 29 P. 10
	.....JAN 29 P. 37
ATIONS; COLLAPSES HOUSES	.....FEB 19 P. 6
CUTTING EGG SETTINGS	.....FEB 19 P. 7
	.....FEB 19 P. 50
	.....FEB 26 P. 1
R PRODUCTION COSTS	.....MAR 05 P. 1
ION	.....MAR 12 P. 10
	.....MAR 12 P. 74
PRODUCTION	.....MAR 19 P. 7
URAL PENNSYLVANIA	.....MAR 26 P. 19
	.....MAR 26 P. 35
ENGE	.....APR 02 P. 6
	.....APR 09 P. 6
N	.....APR 09 P. 10
	.....APR 09 P. 25
	.....APR 23 P. 2
	.....APR 23 P. 7
	.....APR 23 P. 7
NESS', SAYS REPORT	.....APR 23 P. 21
NG BROILERS	.....MAY 07 P. 103
TUS	.....MAY 14 P. 6
	.....MAY 21 P. 6
	.....MAY 21 P. 69
	.....MAY 28 P. 5
	.....MAY 28 P. 7
	.....MAY 28 P. 23
	.....JUN 04 P. 2
	.....JUN 04 P. 7
AR	.....JUN 11 P. 6
	.....JUN 11 P. 32
	.....JUN 18 P. 4
EASES	.....JUL 02 P. 1
	.....JUL 09 P. 6
	.....JUL 16 P. 18
NDUSTRY	.....JUL 23 P. 7
	.....JUL 30 P. 4
	.....JUL 30 P. 71
UTIOUS ON EXPANSION	.....AUG 13 P. 6
	.....AUG 20 P. 7
	.....AUG 27 P. 6
	.....SEP 03 P. 6
	.....SEP 03 P. 7
	.....SEP 24 P. 1
	.....SEP 24 P. 22
	.....OCT 01 P. 1
	.....OCT 08 P. 1
	.....OCT 08 P. 6
	.....OCT 22 P. 6
	.....OCT 22 P. 6
	.....OCT 22 P. 7
	.....NOV 05 P. 6
	.....NOV 19 P. 17

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

LARKIN LOOKS AT 1974 BROILER PICTURE
AFMA POULTRY COMMITTEE ISSUES '74 PRICE FORECAST
POULTRY VOLUME TO EXPAND UNLESS SHORTAGES CUT PLANS

BROILER MANAGEMENT
SUBDUED LIGHT IMPROVES BROILER PERFORMANCE, GOLD KIST REPORTS
CHICK HOUSING STUDY
'SOUTHEASTERN' SPEAKER CITES FEATHERING AS ONE OF POULTRY INDU
REDUCING COSTS IN BROILER PRODUCTION
STOCKING DENSITY
VIRGINIA STUDY POINTS UP WAYS TO MINIMIZE BROILER BRUISING
DISEASE, MANAGEMENT SAID IMPORTANT IN BROILER FEEDING
BROILER SERVICEMEN URGED TO PRACTICE MORE EFFICIENT LABOR MANA
TIPS OFFERED ON CONSERVING FUEL IN THE BROILER HOUSE
RESEARCHES: 20 CHICK DENSITY BEST WHEN USING NIPPLE WATERER
FEED WASTE CITED AS BIG INFLUENCE ON BROILER PROFITS
CAGED BROILER STUDY
ARKANSAS STUDY SHOWS FEASIBILITY OF RAISING BROILERS IN CAGES
MAXIMIZING FUEL, FEED FOR BROILERS COVERED IN TEXAS
ARTIFICIAL INSEMINATION
TIPS ON REDUCING BREEDER FLOCK, HATCHERY COSTS GIVEN AT SYMPOS
ENERGY CRISIS DOMINATES BROILER HOUSING SEMINAR
MAINTAINING TEMPERATURE, MOISTURE SAID BASIC POULTRY HOUSE PRO
BROILER HATCHING EGGS PRODUCTION BUDGET OUTLINED
COMPUTER PROGRAM DEVELOPED TO HELP BROILERMEN SAVE FUEL
POULTRY SPECIALIST ADVISES ON FUEL-SAVING METHODS

BROILER MARKETING
BROILER STUDY REVEALS PRICE NOT STRONG CONSUMPTION FACTOR
CANADIAN POULTRY MARKETING SYSTEMS DISCUSSED BY SPEAKER
USDA SUSPENDS ANNUAL, QUARTERLY MARKETING GUIDES
CHICKEN COOKBOOK
NBC CONDUCTS GROUP INTERVIEWS ON CHICKEN USE
CONSUMERS NOT ANGRY ABOUT HIGHER BROILER PRICES
MOBILE STORES
BROILER PROMOTION
FROZEN POULTRY

BROILER NUMBERS
USDA ECONOMIST LISTS FACTORS DOMINATING LIVESTOCK, POULTRY FEE
5% CUT IN SECOND QUARTER BROILERS URGED
EGG-TYPE CHICK, POULT HATCHINGS BOTH UP, BROILER-TYPE HATCHING
USDA SEES STRONG POULTRY PRICES AHEAD
BROILER CHICK OUTPUT DOWN, EGG-TYPE, POULT HATCHES UP
EGG, BROILER, TURKEY OUTPUT OFF IN FEBRUARY
COMMERCIAL BROILER OUTPUT IN 22 STATES UP 5% IN 1972
HIGH FEED COSTS WILL OFFSET POULTRY, EGG PRICES: AFMA SURVEY
USDA PROJECTS POULTRY, EGG OUTPUT THROUGH 1985
1972 BROILER, TURKEY HATCHERY PROCUTION UP, EGG-TYPE DOWN
EGG, CHICKEN, BROILER GROSS INCOME UP IN 1972: USDA
CATTLE, HOG SUPPLIES DEVELOPING SLOWER THAN EXPECTED; POULTRY
FEED COSTS SAID CONTRIBUTING TO REDUCED POULTRY, EGG OUTPUT
LAYERS ON HAND, EGGS LAYED DOWN 4% IN APRIL
APRIL BROILER, EGG-TYPE CHICK PRODUCTION DOWN SLIGHTLY FROM 19
LOWER OUTPUT, HIGHER PRICES SEEN FOR EGGS, BROILERS, TURKEYS
MAY EGG OUTPUT 3% BELOW YEAR AGO
BREEDER SURVEY REVEALS EXTENT OF BROILER CUTBACKS
JUNE EGG OUTPUT LOWEST SINCE 1963; LAYERS DOWN

T INDEX
973

	.....NOV 26	P.	10
	.....DEC 24	P.	1
	.....DEC 31	P.	8
TS	.....JAN 08	P.	11
	.....JAN 15	P.	19
NDUSTRY'S GREATEST PROBLEMS	.....FEB 12	P.	6
	.....FEB 12	P.	32
	.....APR 16	P.	18
	.....APR 30	P.	7
	.....JUL 02	P.	14
ANAGEMENT	.....JUL 16	P.	7
	.....JUL 23	P.	22
R	.....JUL 30	P.	41
	.....SEP 10	P.	20
	.....SEP 10	P.	23
ES	.....SEP 17	P.	23
	.....SEP 24	P.	6
	.....OCT 01	P.	24
POSIUM	.....OCT 15	P.	42
	.....OCT 22	P.	18
PROBLEMS	.....OCT 29	P.	44
	.....DEC 03	P.	22
	.....DEC 24	P.	5
	.....DEC 31	P.	25
	.....FEB 05	P.	16
	.....FEB 26	P.	26
	.....MAY 07	P.	10
	.....MAY 21	P.	39
	.....MAY 28	P.	6
	.....MAY 28	P.	7
	.....JUL 16	P.	21
	.....JUL 23	P.	24
	.....AUG 06	P.	24
FEEDING PICTURE IN 1973	.....JAN 01	P.	26
	.....JAN 08	P.	11
INGS DOWN	.....JAN 22	P.	6
	.....FEB 12	P.	1
	.....FEB 19	P.	6
	.....MAR 19	P.	2
	.....MAR 19	P.	8
EY COMMITTEE	.....APR 02	P.	1
	.....APR 09	P.	34
	.....APR 09	P.	40
	.....APR 16	P.	50
RY OUTPUT LESS CERTAIN	.....MAY 14	P.	4
	.....MAY 14	P.	19
	.....MAY 21	P.	2
1972	.....MAY 28	P.	2
3	.....JUN 25	P.	1
	.....JUN 25	P.	6
	.....JUL 09	P.	6
	.....JUL 23	P.	6

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

LAYER FLOCK DOWN 6% FROM 1972; BROILER CHICK HATCH OFF
SEPT. 1 LAYER FLOCK DOWN 5%, AUGUST EGG OUTPUT DOWN 6% FROM YE
LAYING FLOCK OFF AGAIN; BROILER PLACEMENTS UP
USDA REPORTS LAYER, BROILERS, POULT NUMBERS
USDA SEES MODERATE 1974 EXPANSION IN POULTRY OUTPUT
LOWER FEED COSTS OFFSET BY DECLINE IN BROILER, EGG PRICES; TUR
LAYING FLOCK NUMBERS OFF, BROILER CHICK PRODUCTION UP

BROILER NUTRITION
BROILER SALT UTILIZATION
CORN GERM MEAL
USEFUL TABLES FOR DIET FORMULATION
CASSAVA SUBSTITUTION IN BROILERS
HOW TO BEAT THE COST OF HIGH PROTEIN CONCENTRATES BY REDUCING
BROILERMEN CUTTING PROTEIN LEVELS TO LOWER FEED COSTS
AMINO ACID REQUIREMENTS
FATS IN BROILER DIETS
MORE NUTRITION-RELATED PROBLEMS WITH POULTRY PREDICTED, ANTICO
NEW DEVELOPMENTS IN POULTRY NUTRITION
NEW DEVELOPMENTS IN POULTRY NUTRITION
BROILER FEEDING STUDIES RESULTS REPORTED AT MARYLAND MEETING
BROILER WATER CONSUMPTION
POULTRY NUTRITION DISCUSSED AT CONFERENCE
SELENIUM IN BROILER TISSUE SUBJECT OF CANADIAN STUDY
COUCH REVIEWS IMPORTANCE OF UGFS AT CONFERENCE
ENERGY DENSITY LEVEL
LUPINS IN BROILER FEEDING
SURVEY: NUTRITION NOT PRIMARY BAREBACK CAUSE
USE OF COPPER SULFATE AS A GROWTH-PROMOTER FOR BROILERS
BACTERIA AS FEED
POTATOES FOR POULTRY RES.
EFFECT OF FLAVOMYCIN ON BROILER PRODUCTION OUTLINED
CHICKENS FED SPICES
SOAPSTOCK TESTED AS POSSIBLE BROILER FEED FAT
DIETARY CURE SUGGESTED FOR DECREASED SUMMER WEIGHT GAIN IN BRO
VALUE OF GLYCINE, SERINE IN BROILER STARTER DIETS CITED
IMPROVED FORMULATION CAN CUT BROILER FEED COSTS
LATEST RESEARCH ON PROTEIN NEEDS OF POULTRY OUTLINED
REVIEW OF LATEST DEVELOPMENTS IN POULTRY NUTRITION AND RELATED
SCIENTISTS REPORT PROGRESS IN FATTY LIVER, KIDNEY SYNDROME ERA

BROILER PROCESSING
CHICKEN PACKING STUDY
EUROPEAN POULTRY PROCESSING PLANTS MORE EFFICIENT: SCHACT
CHILL PACK ADVANTAGES, NEED FOR PRICE STABILIZATION DISCUSSED
PROCESSORS TO GET NEW 'AQL' PROCEDURES

BYPRODUCTS
SPEAKERS CALLS FOR MORE POULTRY, MEAT BYPRODUCTS STANDARDIZATI
FINNISH LIVESTOCK TO BE FED ON PAPER BYPRODUCT
ALGAE AS CATTLE FEED
HOW TO PROCESS QUALITY POULTRY BYPRODUCTS TOLD

CASSAVA
FEEDING POTENTIAL OF CASSAVA IN WORLD OUTLINED IN NEW REPORT

CATTLE HEALTH
SCREWWORM REGULATIONS AMENDED FOR WINTER

T INDEX
973

	.....AUG 20	P.	6
YEAR AGO	.....SEP 24	P.	7
	.....OCT 22	P.	1
	.....NOV 19	P.	1
	.....NOV 26	P.	5
TURKEY PRICES STRONG	.....DEC 10	P.	6
	.....DEC 24	P.	5
	.....JAN 15	P.	19
	.....JAN 22	P.	16
	.....JAN 29	P.	42
	.....FEB 12	P.	26
NG PROTEIN LEVELS IN GROWER RATIONS	.....FEB 19	P.	30
	.....MAR 05	P.	22
	.....MAR 19	P.	16
	.....MAR 26	P.	16
ICOCCIDIAL PRODUCTS EVALUATED	.....APR 09	P.	10
	.....APR 09	P.	31
	.....APR 16	P.	34
G	.....APR 23	P.	19
	.....MAY 07	P.	38
	.....MAY 21	P.	6
	.....MAY 21	P.	17
	.....MAY 28	P.	22
	.....JUN 11	P.	20
	.....JUN 18	P.	23
	.....JUL 16	P.	6
	.....JUL 16	P.	24
	.....JUL 23	P.	24
	.....JUL 23	P.	24
	.....AUG 06	P.	20
	.....AUG 06	P.	24
	.....AUG 13	P.	20
BROILERS	.....SEP 03	P.	7
	.....SEP 24	P.	20
	.....OCT 08	P.	18
	.....OCT 15	P.	6
TED FIELDS	.....OCT 15	P.	36
ERADICATION	.....DEC 03	P.	6
	.....JAN 08	P.	25
	.....FEB 05	P.	7
ED AT FACT FINDING	.....APR 30	P.	7
	.....MAY 14	P.	22
ATION	.....FEB 26	P.	6
	.....APR 23	P.	10
	.....APR 30	P.	73
	.....OCT 29	P.	38
T	.....APR 30	P.	9
	.....JAN 01	P.	25

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

NEW STRAIN OF E. COLI
VET: ELIMINATING CARRIER ANIMALS MAY LEAD TO ERADICATION OF A
SCABIES ERADICATION METHODS
CURBING FESCUE FOOT SYNDROME
ANIMAL HEALTH PACT
FIGHTING CALF SCOURS
RESPIRATORY DISEASES MAJOR TOLL IN CATTLE PROFITS
SCREWWORM ERADICATION GROUP REPORTS PROGRESS
ILLINOIS SCIENTIST DEVELOPS VACCINE FOR ANAPLASMOSIS
SCIENTISTS WORKING TO CURB NO. 1 FEEDLOT WOE, RESPIRATORY DISE
SHARP INCREASE OF ANAPLASMOSIS AMONG CATTLE POSSIBLE: USDA
HERRICK: PARASITES MAY CUT BEEF OUTPUT 5-10%
SURVEY: 'SHIPPING FEVER' COST FEEDERS $76 MILLION IN 1972
DAIRY CALF SCOURS REPORTED BECOMING MORE SERIOUS
FEEDLOT BLOAT PREVENTED BY WATERED GRAIN
CALF SCOURS PREVENTION
GRASS TETANY
CATTLE SHIPPING DISEASES STUDIED

CATTLE INDUSTRY
SLOWER DECLINE IN MILK COW NUMBERS SEEN CONTINUING
HIGH INPUT COSTS, IMPORTS, DES RESTRICTION FACE CATTLE FEEDERS
RENDERER SAYS COLD, SNOW CAUSING PILE UP OF DEAD CATTLE IN PAN
HIKE IN GRAZING FEES TO AFFECT 25,000 STOCKMEN
HARD WINTER IN TEXAS BRINGS HIGH FEEDER DEATH LOSSES, HIGH FEE
PURDUE SCIENTISTS OUTLINE CHALLENGES FACING BEEF INDUSTRY
BEEF CASH, FUTURE PRICES RISE; STRONG DEMAND CITED
CATTLE DEATHS IN PANHANDLE MAY NUMBER 50,000
1980 BEEF PRODUCTION, CONSUMPTION PROJECTED
PANHANDLE CATTLE DEATH LOSSES NOW PUT AT 100,000
KANSAN PREDICTS MORE OUTSIDE INVESTMENT IN FEEDLOTS, GREATER C
NEW BREEDING TOOLS MAY ALLOW SPECIFICATION ORDERING OF CALVES
JAMAICAN CATTLE VENTURE INCLUDES AMERICAN INVESTORS
HIKE IN CAROLINA MILK PRICES SOUGHT
'BULLISH' ATMOSPHERE PREVAILS AT NATIONAL CATTLEMENS' MEETING
PANHANDLE FEEDER BRINGS EXPERIENCE OF WET, COLD WINTER 'OUT IN
SOUTHEAST, MIDWEST SPEARHEAD INCREASED BEEF CALF PRODUCTION
NEBRASKAN ADVISES SOUTHERN CATTLEMEN ON FEEDER NEEDS
BEEF INDUSTRY STRUCTURE CALLED OLD-FASHIONED
'RAPID EXPANSION' OF BEEF CATTLE NOW UNDERWAY
USDA SEES LARGER BEEF COW HERDS
IOWA MARKETS FEWER CATTLE THAN TEXAS, NEBRASKA IN 1972
BEEF STORY TOLD
'GOOD GUY AWARD'
CATTLE HERD CUTBACKS
FUTRELL WARNS NOT TO PLAN ON $40 BEEF IN LAST HALF OF 1973
SOUTH CAROLINA DAIRYMEN WANT HIGHER PRICES
USDA SEES 'ACCELERATED GROWTH' FOR CATTLE, MORE PORK IN 1974
NEBRASKA CAN CORNER THIRD OF U.S. BEEF FEEDING GROWTH
PECOS, TEXAS, AREA EXPERIENCING FEEDLOT GROWTH
FARMERS WITH PASTURES PROFITING IN PANHANDLE: COUNTY AGENT
COLD WEATHER COSTS COLORADO CATTLE INDUSTRY $20 MILLION
WRAPPING MEAT
HYBRID SORGHUMS SPUR FEEDLOT GROWTH
TEXAS PANHANDLE FEEDLOTS' FINANCIAL PRACTICES STUDIED
AT TODAY'S PRICES FOR FDR CATTLE & FD, COMMERCIAL FDLTS LIKELY
CHANGES IN BEEF GRADING
WIND-DRIVEN SNOW STORM KILLS THOUSANDS OF CALVES, HURTS EFFORT

T INDEX
973

	.....JAN	22 P.	22
F ANAPLASMOSIS	.....FEB	12 P.	20
	.....FEB	12 P.	22
	.....MAR	19 P.	18
	.....APR	16 P.	20
	.....APR	30 P.	22
	.....MAY	21 P.	4
	.....MAY	28 P.	35
	.....JUL	09 P.	32
ISEASE	.....JUL	16 P.	16
	.....JUL	23 P.	42
	.....SEP	17 P.	20
	.....OCT	08 P.	5
	.....OCT	22 P.	4
	.....NOV	19 P.	4
	.....NOV	19 P.	14
	.....DEC	17 P.	16
	.....DEC	24 P.	12
	.....JAN	01 P.	9
ERS	.....JAN	01 P.	9
PANHANDLE	.....JAN	01 P.	14
	.....JAN	08 P.	8
FEED COSTS	.....JAN	08 P.	22
	.....JAN	15 P.	4
	.....JAN	15 P.	14
	.....JAN	15 P.	16
	.....JAN	22 P.	4
	.....JAN	22 P.	4
R CONTROL OVER FEED SUPPLIES	.....JAN	22 P.	4
ES	.....JAN	22 P.	20
	.....JAN	22 P.	22
	.....JAN	22 P.	38
NG	.....JAN	29 P.	1
IN THE OPEN'	.....JAN	29 P.	8
	.....JAN	29 P.	20
	.....JAN	29 P.	26
	.....FEB	05 P.	4
	.....FEB	05 P.	6
	.....FEB	05 P.	9
	.....FEB	05 P.	23
	.....FEB	05 P.	24
	.....FEB	12 P.	22
	.....FEB	12 P.	22
	.....FEB	19 P.	16
	.....FEB	19 P.	46
4	.....FEB	26 P.	4
	.....FEB	26 P.	23
	.....FEB	26 P.	25
	.....FEB	26 P.	43
	.....FEB	26 P.	53
	.....MAR	05 P.	18
	.....MAR	12 P.	8
	.....MAR	26 P.	12
ELY TO LEAN MORE ON OUTSIDE INVSTRS' CAPITAL	.....MAR	26 P.	24
	.....APR	02 P.	15
ORT TO EXPAND HERD	.....APR	16 P.	4

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

FINANCING OF FUTURE FEEDLOTS COMING FROM CENTRAL MONEY MARTS,
THE FUTURE FOR SOUTH DAKOTA
NUMBER OF FEEDLOTS IN COLORADO DOWN
TEXAS FEEDLOTS PLAN EXPANSION
CATTLEMAN: MIDWEST SHOULD TURN TO GROWING OPERATIONS
COMPUTER STUDIES EVALUATE POLYGON MILING PARLOR
BEEF BARGAIN EXPLAINED
STOCKYARDS HEAD CALLS HOLSTEIN BULL CALF 'SLEEPING GIANT OF LI
MORE BEEF
ECONOMISTS STUDY MARKETING OF FAT CATTLE IN PANHANDLE
SOUTHEAST GEARS UP TO COMPETE WITH WEST IN FEEDING CATTLE
FEEDLOTS WILL CONTINUE TO USE LIGHT CALVES, FINISH LIGHTER
COMPUTERIZED BREEDING
PACKING PLANT WANTED
TEXAS WINTER CATTLE LOSSES MIGHT BE COSTLIEST IN HISTORY
FORMER WESTERNER DESCRIBES CATTLE RAISING IN FLORIDA
PRICES WILL AFFECT NEBRASKA'S BEEF FUTURE
TEXAS CATTLEMEN HIKE PROMOTION ASSESSMENT
U.S. NOT THE ONLY COUNTRY TRYING TO MEET BEEF DEMAND
MORE FEEDLOTS SEEN FOR VIRGINIA
TEXAS FEEDLOTS CONTINUE TO EXPAND IN SIZE
NUTRITIONIST: DESPITE DES BAN, CATTLE INDUSTRY STILL FACING S
WESTERN COLORADO FEEDING, BACKGROUNDING ON UPSWING
GRADING DISCUSSED
NOT ALL FEEDLOTS HAD HIGH LOSSES LAST WINTER
MAY DEALER PRICES FOR MILK INCREASE
THE CATTLE CYCLE
MIDWEST BEEF FEEDERS LOSING MONEY, NLFA SAYS; 'PROFIT QUEST' A
NEBRASKA GRAIN WILL OUTSTRIP USE FOR LIVESTOCK
TEXAS PANHANDLE FEEDLOTS ARE 'CAUTIOUSLY OPTIMISTIC'
ANALYZING FAT CONTENT
NEEDS OF GREAT PLAINS COW-CALF MEN DISCUSSED
CAUTION URGED IN EVALUATING EXOTIC BEEF
U. S. BEEF MEN FACE COMPETITION, AG DEAN SAYS
STUDY: SOUTHERN BEEF MEN SHOULD PUT MORE WEIGHT ON THEIR CATT
TOP ILLINOIS DAIRYMEN MADE $117 PER COW IN 1971-1972
CORN COSTS CUT CATTLEMEN'S PROFITS
DIRECT SELLING INCREASING
CATTLE INDUSTRY NEEDS LIMITED PARTNERSHIPS, WESTERN BEEF EXEC
FOREIGN MEAT PRODUCERS SEE INCREASED OUTPUT
NEW BULLOCK STANDARDS
PANHANDLE FEEDERS, UNSURE OF FUTURE, FACE COST SQUEEZE
TRENDS IN CATTLE PRODUCTION OUTLINED BY KANSAS ECONOMIST
COLORADO BEEF FEEDER URGES ORDERLY SELLING
SOUTHEAST FEEDER CATTLE PRICE HIKES SET RECORDS
TEXAS PANHANDLE CATTLEMEN MORE OPTIMISTIC THAN MANY
EXPERTS PINPOINT BEEF PRODUCTION POTENTIAL AREAS
MARKET, WEATHER PROBLEMS FACE AUSTRALIAN FEEDLOTS
IRELAND TO GET LIVESTOCK LOAN
CATTLE PLACEMENTS DOWN FOR FOURTH MONTH
JULY MILK-FEED RATIO LOWEST SINCE 1963
SUPPORT LEVEL FOR MILK UP 32 CENTS
FEED COST, MILK OUTPUT RELATION CALLED STILL FAVORABLE TO DAIR
DAIRYMEN ASK FOR MILK PRICE HIKE AT HEARING
PECOS VALLEY GOING TO BEEF
UVACEK PREDICTS STRONG CATTLE PRICES INTO 1974
CATTLE RUSTLING LOSSES UP SIGNIFICANTLY IN ALABAMA
ECONOMISTS CHART GROWTH OF BEEF INDUSTRY UP TO 1980

T INDEX
973

S, BANKER SAYS	.....APR 16	P.	5
	.....APR 16	P.	20
	.....APR 23	P.	4
	.....APR 23	P.	4
	.....APR 23	P.	16
	.....APR 23	P.	17
	.....APR 30	P.	22
LIVESTOCK INDUSTRY'	.....MAY 07	P.	27
	.....MAY 07	P.	33
	.....MAY 07	P.	80
	.....MAY 14	P.	5
	.....MAY 14	P.	12
	.....MAY 14	P.	16
	.....MAY 14	P.	16
	.....MAY 14	P.	26
	.....MAY 21	P.	4
	.....MAY 21	P.	4
	.....MAY 21	P.	4
	.....MAY 21	P.	13
	.....MAY 21	P.	51
	.....MAY 28	P.	4
G SAME PROBLEMS	.....MAY 28	P.	4
	.....MAY 28	P.	4
	.....MAY 28	P.	12
	.....JUN 04	P.	6
	.....JUN 04	P.	20
	.....JUN 09	P.	19
' ADVOCATED	.....JUN 11	P.	16
	.....JUN 18	P.	4
	.....JUN 18	P.	5
	.....JUN 18	P.	12
	.....JUN 18	P.	12
	.....JUN 18	P.	37
	.....JUL 02	P.	4
ATTLE	.....JUL 09	P.	5
	.....JUL 09	P.	15
	.....JUL 09	P.	16
	.....JUL 09	P.	19
EC SAYS	.....JUL 16	P.	5
	.....JUL 16	P.	14
	.....JUL 16	P.	16
	.....JUL 23	P.	4
	.....AUG 06	P.	4
	.....AUG 06	P.	15
	.....AUG 13	P.	5
	.....AUG 13	P.	5
	.....AUG 13	P.	12
	.....AUG 13	P.	12
	.....AUG 13	P.	16
	.....AUG 20	P.	1
	.....AUG 20	P.	4
	.....AUG 20	P.	45
AIRYMEN	.....AUG 27	P.	4
	.....SEP 03	P.	4
	.....SEP 03	P.	4
	.....SEP 03	P.	5
	.....SEP 03	P.	5
	.....SEP 03	P.	16

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

BEEF SLAUGHTER UP
AFTER HARD WINTER, TEXAS FEEDERS BETTER PREPARED TO HANDLE CAL
NEW HIGHS IN PROMOTION
MORE CATTLE TO MARKET SEEN; SLAUGHTER PRICE OUTLOOK UNCERTAIN
TEXAS FEEDERS HOLD OFF PLACING CATTLE UNTIL PRICES STABILIZE
MEAT INDUSTRY DEPENDENT ON ENERGY: CARDON
CATTLEMAN SEES 'EVEN FLOW; OF BEEF IN FEEDLOTS
DOUBLING OF BEEF NEEDS PREDICTED BY 1980S
BEEF PRICES CHANGE LITTLE AS FREEZE COMES OFF
PANHANDLE FEEDLOT CAPACITY GOING UP ANOTHER 800,000
FAT CATTLE PRICES WILL GO LOWER, THEN RECOVER
AUGUST MILK-FEED RATIO DROPS 34%
1973 MILK PRODUCTION EXPECTED TO DROP 3% DESPITE RECORD HIGH P
$11 CATTLE
BREAK-EVEN ANALYSIS
POTENTIAL EFFICIENCIES DUE TO INTEGRATED CATTLE OPERATIONS COM
USDA SEES DECLINING MEAT PRICES AHEAD AS BEEF, PORK SUPPLIES C
USDA ADVISES NO CHANGE IN MILK PRICES
BEEF PRODUCTION EXPECTED TO BE LOWER DURING 1974
CATTLE FEEDERS REPORT LOSSES ON SEPTEMBER SALES
TEXAS FEEDLOTS SHOW INCREASED CAPACITY, DECREASED REPLACEMENTS
SOUTHEASTERN CATTLEMEN AIM FOR IMPROVED FEEDER CALVES
NEW ROLE FOR FEED COMPANY ON SOUTHEAST CATTLE SCENE
SERVICE EVALUATES DATA ON FEEDLOT PERFORMANCE
PRICE BREAK, FEED COSTS SAID HURTING CATTLE FEEDERS
CATTLE GROUP SEEKS PUSH ON BEEF RETAIL SALES
COLORADO FEEDERS BLAME LOSSES ON HIGH FEED COSTS, LOW CONSUMPT
EXPANDING SOUTHERN CATTLE OPERATIONS NEED FINANCING
TRENDS AND COST CHANGES IN CATTLE FEEDING CITED
LARGE CALF CROP, GROWTH OF BIGGER LOTS SPELL CHANGES AHEAD FOR
FEED, OTHER SUPPLIERS ASKED TO PROMOTE BEEF
INCREASED FEEDLOT CAPACITY
HEAVIER FEEDING OF FEWER DAIRY COWS EXPECTED
ADDITIONAL BEEF SUPPLIES WILL OFFSET LESS LAMB, VEAL; LITTLE C

CATTLE MANAGEMENT
MUDDY BEEF LOTS CAN EAT UP 35% OF ENERGY
HANDLING, HEALTH OF YOUNG FEEDLOT CATTLE HIGHLIGHTED
'COW KENNELS'
OBJECTIONS RAISED TO DIPPING CATTLE
DAIRY CALVING INTERVALS
ROLE OF PRECONDITIONING, DIET IN STARTING CALVES UNDERSCORED
MISSOURI DAIRYMEN EXPERIMENT WITH CALF HUTCHES
BREEDING, NUTRITION STRESSED IN PROFITABILITY OF BEEF HERDS
INCREASING WEANING WEIGHTS
GENETICS FIRM TO TRANSFER COW OVUM FOR CATTLE MEN
STRATFORD OF TEXAS CITES FACTORS THAT CAN SAVE FEEDLOTS 10 CEN
MECHANIZED SYSTEM DEVELOPED FOR STALL BARN FEEDING
ROLE OF PERMANENT PASTURES STRESSED
FLORIDA BEEF MEN ADVOCATE PRECONDITIONED BEEF CALVES
IOWA BEEF HAS HOPES FOR NEW CONFINEMENT SYSTEM
WARNING GIVEN ON TREATING DRY COWS WITH ANTIBIOTICS
CURBING SHIPPING FEVER, HANDLING CALVES DISCUSSED
MILK COWS EAT MORE WITH MAGNET-ACTIVATED FEEDERS
FEEDERS TOLD OF 'CONDOMINIUM' FEEDLOTS
ADDING WEIGHT TO CALVES UPS PERCENT CAPITAL RETURNS
BUFFALO HYBRIDS
COW-POWERED FEEDING SYSTEM UNDER STUDY

INDEX
973

	.....SEP 03 P. 19
CALVES	.....SEP 03 P. 19
	.....SEP 03 P. 20
N	.....SEP 10 P. 1
E	.....SEP 10 P. 4
	.....SEP 10 P. 12
	.....SEP 10 P. 13
	.....SEP 10 P. 64
	.....SEP 17 P. 4
	.....SEP 17 P. 4
	.....SEP 24 P. 5
	.....SEP 24 P. 18
H PRICES	.....SEP 24 P. 18
	.....OCT 01 P. 22
	.....OCT 01 P. 22
COMPARED TO THE OPEN MARKET	.....OCT 08 P. 23
S CLIMB	.....OCT 15 P. 1
	.....OCT 22 P. 4
	.....OCT 29 P. 42
	.....NOV 05 P. 19
NTS	.....NOV 19 P. 38
	.....NOV 26 P. 46
	.....DEC 03 P. 16
	.....DEC 10 P. 4
	.....DEC 10 P. 5
	.....DEC 10 P. 5
MPTION	.....DEC 10 P. 5
	.....DEC 10 P. 16
	.....DEC 10 P. 18
FOR CATTLE FEEDING	.....DEC 17 P. 4
	.....DEC 17 P. 4
	.....DEC 17 P. 16
	.....DEC 31 P. 11
E CHANGE IN PORK	.....DEC 31 P. 11
	.....JAN 08 P. 8
	.....JAN 08 P. 8
	.....JAN 08 P. 22
	.....JAN 08 P. 22
	.....JAN 15 P. 16
D	.....FEB 12 P. 4
	.....FEB 19 P. 21
	.....MAR 19 P. 17
	.....MAR 19 P. 19
	.....APR 09 P. 8
CENTS PER POUND OF BEEF	.....APR 23 P. 4
	.....APR 30 P. 46
	.....APR 30 P. 54
	.....MAY 14 P. 40
	.....MAY 21 P. 72
	.....MAY 28 P. 35
	.....JUN 11 P. 34
	.....JUN 18 P. 4
	.....JUL 23 P. 4
	.....JUL 23 P. 18
	.....JUL 23 P. 20
	.....JUL 30 P. 31

INDUCING BIRTHS
STRESS OBSERVATIONS
VETERINARIAN ADVISES ON BUYING, HANDLING CALVES
HEAT STRESS OVERCOME
ILLINOIS FEEDERS HEAR ABOUT CONFINEMENT, CATTLE HEDGING
OVERCOMING HEAT STRESS
HEAT STRESS AND MILK
SPRINKLING CATTLE
INCREASED CALF CONDITIONING BY RANCHERS SEEN

CATTLE NUMBERS
USDA ECONOMIST LISTS FACTORS DOMINATING LIVESTOCK, POULTRY FEE
CATTLE ON FEED IN 23 MAJOR STATES UP 4% JAN. 1; QUARTER PLACEM
CATTLE, HOG, LAMB PRICES IN FIRST HALF OF 1973 TO BE ABOVE YEA
MILK-FEED PRICE RATIO DOWN 12%
FEBRUARY 1 CATTLE ON FEED UP 8% IN SEVEN STATES
JANUARY 1 CATTLE INVENTORY IN U.S., AT 121.99 MILLION, UP 4% O
JANUARY MILK-FEED RATIO SHARPLY BELOW YEAR AGO; COW NUMBERS AT
MARCH 1 CATTLE ON FEED UP FROM 1972; PLACEMENTS FALL 3%
FEBRUARY MILK OUTPUT 1% BELOW YEAR AGO; COWS DOWN 1.5%
ENLARGED CATTLE INVENTORY MAY RESULT IN BEEF BULGE IN '70S
USDA RANKS STATES BY LIVESTOCK NUMBERS
APRIL CATTLE ON FEED UP 5% IN 23 STATES; QUARTER PLACEMENTS UP
MILK COWS EAT MORE FEED IN APRIL
ARIZONA RANKING
FED CATTLE OUTPUT UP IN PANHANDLE; CAPACITIES JUMP
CALIFORNIA SALES OF CATTLE, MILK PRODUCTS TO JUMP IN 1973
CATTLE, HOG SUPPLIES DEVELOPING SLOWER THAN EXPECTED; POULTRY
CATTLE ON FEED IN SEVEN STATES UP 6%; APRIL PLACEMENTS OFF 20%
CATTLE ON FEED RISE 4%, BUT PLACEMENTS OFF
USDA REPORTS HEAVY CULLING OF DAIRY HERDS
CATTLE ON FEED UP 2%, BUT PLACEMENTS OFF
CATTLE INVENTORY ADDED TO REPORT
CATTLE NUMBERS UP 9 MILLION IN SIX MONTHS
MID-YEAR CATTLE INVENTORY REPORT SHOWS STATE, CLASS BREAKDOWN
AUG. 1 CATTLE ON FEED IN SEVEN STATES INCREASES 2%; JULY PLACE
DESPITE MORE FEEDER CATTLE, PRICES SHOW NO WEAKNESS
CATTLE ON FEED UP 6% IN 7 MAJOR FEEDING STATES
DECREASE OF MILK COWS ACCELERATES IN AUGUST
CATTLE ON FEED UP 3% OCT. 1; JULY-SEPTEMBER PLACEMENTS OFF 15%
CATTLE NUMBERS IN 23 STATES SHOWN
AVERAGE DAIRY GRAIN, CONCENTRATE CONSUMPTION UP
CATTLE ON FEED UP 4% FROM LAST MONTH, BUY PLACEMENTS OFF 20% F
MILK-FEED PRICE RATIO DROPS DURING OCTOBER
SMALLER BEEF, HOG SUPPLY PREDICTED FOR NEAR FUTURE
CATTLE ON FEED DEC. 1 DOWN 2% FROM YEAR AGO
MILK COW NUMBERS DOWN 3% IN YEAR
SHARPLY INCREASED CATTLE MARKETINGS SEEN FOR 1974

CATTLE NUTRITION
INFLUENCE OF FEED ON MILK QUALITY, TASTE DISCUSSED
MINIMUM FORAGE REQUIREMENTS FOR DAIRY COWS LISTED
DAIRYMEN EVALUATE ECONOMICS OF FEEDING SOYBEAN MEAL
EUROPE REVIVES INTEREST IN DRIED GREEN CROPS
SORGHUM FOR CALF STARTERS
NEW BREEDING TOOLS MAY ALLOW SPECIFICATION ORDERING OF CALVES
WAXY CORN FOR STEERS
BULLS GETTING BETTER

T INDEX			
973			
	.....AUG 06	P.	19
	.....AUG 13	P.	14
	.....SEP 10	P.	12
	.....OCT 08	P.	16
	.....OCT 22	P.	14
	.....NOV 12	P.	18
	.....NOV 12	P.	18
	.....NOV 19	P.	14
	.....NOV 19	P.	16
FEEDING PICTURE IN 1973	.....JAN 01	P.	26
CEMENTS UP 1%	.....JAN 22	P.	1
YEAR AGO: USDA	.....FEB 05	P.	2
	.....FEB 12	P.	12
	.....FEB 19	P.	1
% OVER YEAR EARLIER	.....MAR 05	P.	9
AT ALL-TIME LOW	.....MAR 05	P.	16
	.....MAR 19	P.	6
	.....MAR 26	P.	3
	.....MAR 26	P.	4
	.....APR 16	P.	25
UP 4% FROM 1972	.....APR 23	P.	1
	.....APR 23	P.	4
	.....MAY 07	P.	8
	.....MAY 07	P.	28
	.....MAY 07	P.	90
RY OUTPUT LESS CERTAIN	.....MAY 14	P.	4
20%	.....MAY 21	P.	1
	.....JUN 18	P.	1
	.....JUL 09	P.	1
	.....JUL 23	P.	1
	.....JUL 23	P.	38
	.....JUL 30	P.	4
WN	.....AUG 13	P.	48
ACEMENTS OFF 11%	.....AUG 20	P.	1
	.....AUG 20	P.	14
	.....SEP 17	P.	4
	.....OCT 15	P.	4
15%	.....OCT 22	P.	1
	.....OCT 29	P.	4
	.....NOV 12	P.	12
% FROM YEAR AGO	.....NOV 19	P.	1
	.....NOV 19	P.	4
	.....DEC 03	P.	1
	.....DEC 17	P.	4
	.....DEC 17	P.	4
	.....DEC 24	P.	12
	.....JAN 08	P.	9
	.....JAN 08	P.	18
	.....JAN 08	P.	18
	.....JAN 08	P.	47
	.....JAN 15	P.	16
ES	.....JAN 22	P.	20
	.....JAN 22	P.	22
	.....JAN 22	P.	22

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

BIRD-RESISTANT SORGHUM
ENERGY MANAGEMENT AND RUMINANT PRODUCTION
TRITICALE IN DAIRY CATTLE RATIONS
GEORGIA STUDY SHOWS FOUR FEEDSTUFFS ACCOUNT FOR 39% MILK OUTPU
CAN PROFITS BE MADE FINISHING CATTLE WITH HIGH FEED PRICES?
FEEDING OF DAIRY REPLACEMENT CALVES UNDERGOES RETHINKING
STALKLAGE FOR RUMINANTS
ROASTED CORN FOR CATTLE EVALUATED IN INDIANA MEET
SCIENTIST SAYS NEW METABOLIZABLE PROTEIN SYSTEM NOT ALWAYS BEN
WAYS OF CUTTING SATURATED FATS IN BEEF EVALUATED
PROCESSED WOOD FOR CATTLE
SUPPLEMENTING CORN SILAGE IN DAIRY RATIONS URGED
FEEDING SAWDUST
WOOD WASTE MATERIALS AS FEEDSTUFFS FOR RUMINANTS
SUCCESS REPORTED WITH FEEDING SOUR COLOSTRUM TO CALVES
WETHERS' EATING UNAFFECTED BY BROILER MANURE IN TEST RATIONS
EGG-WHEY FEED REPLACES MILK REPLACER FOR VEAL CALVES
GOOD RESULTS REPORTED ON TOTAL MIXED RATIONS FOR DAIRY
MONTANA NUTRITION CONFERENCE EMPHASIZES WINTER NUTRITION OF BE
FEED MEN COULD FILL GAP IN BALANCING RATIONS FOR DAKOTANS
ABRUPT RATION CHANGES
FOOD FOR FLIES
WET BREWER'S GRAINS
DAIRYMAN EVALUATES HIGH-LYSINE CORN
ADVANCES IN NUTRITION MAY BE EXHAUSTED: TEXAN
SCIENTISTS COMPARE BIURET VS. UREA, CORN VS. GRAIN SORGHUM
PROFITS WITH DAIRY BEEF
IOWA WINTER PUTS STRESS ON COWS
BRITISH SCIENTIST DISCUSSES 'PROTECTING' PROTEINS, FATS: RUMI
ARIZONA CATTLE GAIN FASTER ON HIGH PROTEIN, AD LIBITUM RATION
BENEFITS OF ANTIBIOTICS
UREA VS. NATURAL PROTEIN
DAIRYMEN FEED MORE CONCENTRATE PER COW, LESS PER POUND OF MILK
SCIENTIST DESCRIBES WAYS TO IMPROVE BIURET EFFICACY
FEEDING OUT BULLS
MISSOURI FEEDS AMINO ACIDS INTRAVENEOUSLY
NUTRITIONAL CONDITION OF COW 100 DAYS ON EITHER SIDE OF CALF'S
CO-OP ADVISES ON COPING WITH SOY MEAL SHORTAGE
NPN, DISTILLERS FEED, CROP RESIDUES SAID TO CUT COSTS, EASE FE
UREA FOR WEANED CALVES
PELLETED MANURE SUCCESSFUL IN GRAZING COWS' RATION
WHOLE MILK POWDER
BRITISH EVENT LOOKS AT CALORIE INTAKE, MILK PROTEINS FOR YOUNG
SAVING WITH ALFALFA
EXOTIC CROSSES NEED LONGER FEEDING TIME
POSTNATAL NUTRITION AND ITS EFFECT ON FEED UTILIZATION AND BOD
FEEDING WHEY TO COWS REPORTED BY VERMONT
POTASSIUM UPS BEEF COW GAINS
ACID TREATED GRAIN, IMPLANT STUDIES REPORTED BY PENN
NEW DAIRY COW DIET INCREASES POLYUNSATURATED FATTY ACIDS IN MI
CAUTION URGED IN EVALUATING EXOTIC BEEF
RAPESEED-UREA EQUAL TO SOY MEAL IN DAIRY TRIAL
PROTEIN PROTECTION SAID BENEFICIAL TO RUMINANTS
PROPER CALCIUM-PHOSPHORUS RATION CURBS MILK FEVER
INORGANIC SULFUR IS MOST EFFECTIVE IN DAIRY RATIONS
COMPLETE CUBED HAY RATIONS REDUCE MILK FAT, DAIRY MEET TOLD
'SUPPLEMENTS JUSTIFIED'
PINEAPPLE BYPRODUCT

T INDEX
973

	.....FEB	12 P.	22
	.....FEB	12 P.	34
	.....FEB	19 P.	38
TPUT VARIABILITY	.....FEB	26 P.	42
	.....MAR	05 P.	24
	.....MAR	12 P.	33
	.....MAR	19 P.	18
	.....MAR	26 P.	3
BENEFICIAL FOR DAIRY	.....MAR	26 P.	3
	.....APR	02 P.	4
	.....APR	02 P.	15
	.....APR	02 P.	15
	.....APR	02 P.	15
	.....APR	02 P.	22
	.....APR	09 P.	9
S	.....APR	16 P.	20
	.....APR	23 P.	4
	.....APR	23 P.	16
BEEF COWS AND FEEDLOT CATTLE	.....APR	23 P.	34
	.....APR	30 P.	19
	.....APR	30 P.	22
	.....APR	30 P.	22
	.....APR	30 P.	22
	.....APR	30 P.	36
	.....MAY	07 P.	8
	.....MAY	07 P.	24
	.....MAY	07 P.	33
	.....MAY	07 P.	60
UMINANT, POULTRY NUTRITION HIGHLIGHTED	.....MAY	07 P.	69
ON	.....MAY	14 P.	16
	.....MAY	14 P.	18
	.....MAY	14 P.	18
ILK	.....MAY	21 P.	4
	.....MAY	21 P.	16
	.....MAY	21 P.	16
	.....MAY	21 P.	50
F'S BIRTH AFFECTS PROFITS	.....MAY	21 P.	52
	.....MAY	21 P.	53
FEED SCARCITY	.....MAY	21 P.	63
	.....MAY	28 P.	12
	.....MAY	28 P.	12
	.....MAY	28 P.	12
UNG CALVES	.....MAY	28 P.	33
	.....JUN	04 P.	21
	.....JUN	11 P.	15
BODY COMPOSITION OF RUMINANTS	.....JUN	11 P.	24
	.....JUN	11 P.	45
	.....JUN	18 P.	4
	.....JUN	18 P.	7
MILK	.....JUN	18 P.	13
	.....JUN	18 P.	37
	.....JUN	25 P.	5
	.....JUL	02 P.	4
	.....JUL	02 P.	5
	.....JUL	02 P.	20
	.....JUL	09 P.	4
	.....JUL	09 P.	16
	.....JUL	09 P.	16

IOWA STUDIES SHOW ROASTED CORN IMPROVES GAINS OF FEEDER CATTLE
FEEDING RAPESEED MEAL
INCREASING BUTTERFAT
BEEF RATIONS, SINGLE CELL PROTEIN DISCUSSED IOWA
BLOOD LINES, DAIRY RATIONS STUDIED IN UTAH
UREA FOR BREEDING STOCK
WHEY AS A PRESERVATIVE
HM BARLEY FOR MILK COWS
FEEDING APPLE POMACE, NPN MAY HARM COWS: USDA
ROASTING CORN TO HOTTER TEMPERATURES UPS GAIN
FEEDING COLSTRUM
ENSILING COMPLETE FEEDS
CORN BELT BEEF MAN: RESIDUES KEY TO SUCCESS
FEEDING THE DAIRY COW FOR HIGH MILK PRODUCTION AND MAXIMUM PRO
CALF DIETS AFFECT VEAL FAT CONTENT
FEEDING HEIFER CALVES
STARTING CALVES WITH DEHY
FEEDING GIN TRASH
FEEDING BYPRODUCTS TO DAIRY
SAWDUST IN BEEF RATIONS FOUND TO REDUCE LIVER ABSCESS INCIDENC
RATIONS AFFECT SOLIDS-NOT-FAT MILK PRODUCTION
ROUGHAGE LEVELS IN GROWING, FINISHING RATIONS DISCUSSED
FEED USE OF CROP RESIDUE DISCUSSED AT NEBRASKA MEET
DAIRY NUTRITION SPOTLIGHTED AT MINNESOTA CONFERENCE
IMPORTANCE OF TAILORING RATIONS STRESSED
FEED BUNK MANAGEMENT TIPS OUTLINED AT NUTRITION MEET
RAPID GROWTH
NPN AS SUPPLEMENT FOR RANGE CATTLE DISCUSSED
SUPPLEMENTAL NITROGEN
FEEDING ASPEN
CALIFORNIANS FIND DRIED BEET PULP GOOD ALTERNATIVE
ADDING NITROGEN TO CORN
LIGHT-WEIGHT BEEF CALVES REPORTED ABLE TO USE UREA
USE OF WATER AND SUPPLEMENTAL NUTRITION FOR STRESSED CATTLE
ONE DAILY FEEDING SAID ENOUGH FOR YOUNG CALVES
MOLASSES FEEDING
OPTIMUM COMPLETE DAIRY FEEDS STUDIED
BETTER ENERGY MANAGEMENT IN BEEF PRODUCTION URGED
DAIRY FEEDING ON BASIS OF MILK PRODUCTION DISCUSSED
RESTRICTED EGGS, WHEY USED IN CALF RATIONS
SOUTHEAST PASTURE USE
USING ENZYMES TO REDUCE VISCOSITY OF A HEMICELLULOSE EXTRACT
FINISHING STEERS
PELLETED RATION
BULLOCK BEEF
COMPARISON OF PROTEIN SUPPLEMENTS IN STEER FINISHING RATIONS
USE OF FORAGES, HIGH-MOISTURE GRAINS REPORTED
SCIENTISTS, OTHERS UPDATED ON PHENOLICS
WINTERING STEERS
FACTORS AFFECTING PROTEIN SUPPLEMENT SELECTION CITED
FEEDING WHEAT TO CATTLE

CENSUS
NEXT AG CENSUS MAY BE POSTPONED UNTIL 1977
HOUSE CONSIDERS FATE OF 1974 AG CENSUS

CHELATED MINERALS
CHELATED MINERALS IN POULTRY NUTRITION

INDEX
73

LE	.....JUL 16 P. 1
	.....JUL 16 P. 16
	.....JUL 16 P. 16
	.....JUL 23 P. 3
	.....JUL 23 P. 3
	.....JUL 23 P. 20
	.....JUL 23 P. 20
	.....JUL 23 P. 20
	.....JUL 30 P. 4
	.....AUG 06 P. 15
	.....AUG 06 P. 19
	.....AUG 06 P. 19
	.....AUG 13 P. 16
ROFIT	.....AUG 13 P. 24
	.....AUG 13 P. 25
	.....AUG 20 P. 15
	.....AUG 20 P. 16
	.....AUG 20 P. 16
	.....SEP 03 P. 20
NCE	.....SEP 10 P. 14
	.....SEP 17 P. 20
	.....SEP 24 P. 4
	.....SEP 24 P. 4
	.....SEP 24 P. 4
	.....SEP 24 P. 5
	.....SEP 24 P. 14
	.....SEP 24 P. 19
	.....OCT 01 P. 18
	.....OCT 01 P. 22
	.....OCT 01 P. 22
	.....OCT 08 P. 13
	.....OCT 08 P. 14
	.....OCT 15 P. 19
	.....OCT 22 P. 24
	.....NOV 05 P. 18
	.....NOV 05 P. 19
	.....NOV 12 P. 5
	.....NOV 12 P. 5
	.....NOV 19 P. 4
	.....NOV 19 P. 14
	.....NOV 19 P. 14
	.....NOV 19 P. 22
	.....DEC 03 P. 17
	.....DEC 03 P. 17
	.....DEC 03 P. 17
	.....DEC 03 P. 28
	.....DEC 10 P. 3
	.....DEC 10 P. 4
	.....DEC 10 P. 20
	.....DEC 17 P. 14
	.....DEC 17 P. 20
	.....FEB 05 P. 2
	.....JUL 02 P. 2
	.....JAN 29 P. 38

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

ORGANIC CHELATION OF MINERAL ELEMENTS CALLED MAJOR ABSORPTION-

CHOLESTEROL
MEDICAL ESTABLISHMENT MAKES EGGS SCAPEGOAT FOR HEART PROBLEMS
BLANKET RECOMMENDATION THAT EVERYONE GO ON LOW-CHOLESTEROL DIE
HIGH CHOLESTEROL LEVEL ALONE NOT SEEN AS HARMFUL

COCCIDIOSIS
MORE NUTRITION-RELATED PROBLEMS WITH POULTRY PREDICTED, ANTICO

COMMODITIES DEPARTMENT
CORN, SOYBEAN PRICES MAY DIP; MOLASSES STAYS EXTREMELY TIGHT
MODERATE SOFTENING OF SOME MAJOR FEED INGREDIENTS EXPECTED; SU
RUMORS OF SOVIET BUYING PUSH CORN, BEAN, WHEAT PRICES UP; TRAD
FOREIGN FEED DEMAND, EXPORTS STAY STRONG
CORN GETS 'COATTAIL' BOOST FROM SOY MARKET; MILLFEED DROP SEEN
STOCKS REPORT, FOREIGN BUYING PUSH SOYBEAN PRICES STILL HIGHER
SOME INGREDIENTS REACH RECORD HIGH PRICES; GRAINS HOLD STRENGT
PROTEIN PRICES CONTINUE UPWARD SPIRAL DESPITE PREDICTIONS OF S
SOYBEAN, SOY MEAL PRICES CLIMB AFTER DOLLAR DEVALUATION
SOYBEAN, SOY MEAL PRICES CONTINUE THEIR UPWARD MOVEMENT
DROP IN FEED BUSINESS MAY POINT TO WEAKER INGREDIENT MARKETS A
OPTIMISTIC REPORTS OF PERU FISH CATCHES MAKE WAVES IN SOYMEAL
CASH SOYBEAN, SOY MEAL PRICES FALL IN HECTIC WEEK
SOYBEAN PRICES, FOLLOWING MEAL, SHOW WEAKNESS
SOY MEAL PRICES CAUSING CATTLE MEN TO LOOK AT UREA
PESSIMISTIC PERU REPORTS BOOST SOY MEAL PRICES
SOY PRICES UP; TRADE FEARS DELAY OF NEW CROP ALFALFA
SOYBEAN MARKET ANTICIPATES GRAIN STOCKS REPORT
WET FIELD CONDITIONS CAUSING CONCERN IN CORN AND SOYBEAN MARKE
WEATHER OUTLOOK, EXPORTS ADD TO PRESSURE ON SOY, PROTEIN MARKE
CORN, SOYBEANS MOVE HIGHER; NEW ALFALFA HARVEST DELAYED
CORN PLANTING IN FULL SWING; SOY MEAL DROPS
CORN PLANTING NEAR COMPLETION; PRICES CONTINUE TO CLIMB
INGREDIENT PRICES HIGHER IN WEEK OF 'UNPRECEDENTED' TRADING AC
SOY MEAL PRICES DROP SHARPLY; CORN DIPS
PRICE FREEZE, EXPORT PLAN CREATE NERVOUS MARKET
INGREDIENT, FEED SALES SLIP IN WAKE OF PRICE FREEZE
GRAIN, SOY MARKETS REACTING TO PRICE FREEZE AND EMBARGO
SOY PRICES DROP SHARPLY; MARKET GENERALLY DOWN
CORN, SOY MEAL MARKETS REACT TO CROP REPORT
CORN, SOY MARKETS RESPOND SHARPLY TO PHASE IV
SOY MARKET UNSTEADY; SEPTEMBER WHEAT FUTURES HIT RECORD
SOYBEAN, MEAL PRICES SLIP; CORN PRICES HOLD
MARKETS RESPOND TO LOWER NEW CROP ESTIMATES
SOY, CORN PRICES DIP; INGREDIENTS GENERALLY WEAKER
UREA SUPPLIES TIGHT, TO STAY THAT WAY DURING 1974
INGREDIENT PRICES LOWER; NEW CROP OUTLOOK IMPROVES
INGREDIENT PRICES CONTINUE DOWN IN UNEASY MARKET
CORN, SOY MEAL MARKETS DISPLAY LATE WEEK RALLY
INGREDIENT PRICES WEAKENED BY HIGHER CROP ESTIMATES
SOYBEAN PRICES HIGHER; MARKETS GENERALLY WEAK
SOY, CORN PRICES SEE-SAW; TRADERS WATCH WEATHER
TRANSPORT, FUEL PROBLEMS ADD TO UNEASY MARKET
WEEK OF RAIN HAS LITTLE NET EFFECT ON MARKETS
NO QUICK SOLUTION SEEN FOR UREA MARKET PROBLEMS
SOY MARKET DROPS SHARPLY; CORN PRICES STEADY
FARM HOLDINGS KEY TO NEARBY MARKET PRICES

T INDEX
973
ON-CONTROLLING FACTOR .....FEB 26 P. 40

IS .....MAR 19 P. 2
DIET IS WRONG .....APR 23 P. 6
.....NOV 05 P. 23

ICOCCIDIAL PRODUCTS EVALUATED .....APR 09 P. 10

T .....JAN 01 P. 31
SUPPLY OF OTHERS TIGHT .....JAN 08 P. 1
RADERS LEERY .....JAN 15 P. 1
.....JAN 15 P. 35
EEN .....JAN 22 P. 43
HER .....JAN 29 P. 1
NGTH .....FEB 05 P. 1
F SOFTENING .....FEB 12 P. 1
.....FEB 19 P. 1
.....FEB 26 P. 1
S AHEAD .....MAR 05 P. 1
AL MARKET .....MAR 12 P. 1
.....MAR 19 P. 1
.....MAR 26 P. 1
.....APR 02 P. 43
.....APR 09 P. 1
.....APR 16 P. 1
.....APR 23 P. 1
RKETS .....APR 30 P. 1
RKETS .....MAY 07 P. 1
.....MAY 14 P. 39
.....MAY 21 P. 1
.....MAY 28 P. 1
ACTIVITY .....JUN 04 P. 1
.....JUN 11 P. 1
.....JUN 18 P. 1
.....JUN 25 P. 1
.....JUL 02 P. 1
.....JUL 09 P. 1
.....JUL 16 P. 1
.....JUL 23 P. 1
.....JUL 30 P. 1
.....AUG 06 P. 1
.....AUG 13 P. 1
.....AUG 20 P. 1
.....AUG 20 P. 45
.....AUG 27 P. 1
.....SEP 03 P. 1
.....SEP 10 P. 1
.....SEP 17 P. 1
.....SEP 24 P. 1
.....OCT 01 P. 1
.....OCT 08 P. 1
.....OCT 15 P. 1
.....OCT 15 P. 63
.....OCT 22 P. 1
.....OCT 29 P. 1

FARM HOLDING KEEPS INGREDIENT PRICES STEADY
FUEL, FISH MEAL ADD TO MARKET UNCERTAINTY
FEED MEN FACE TIGHT UREA, PHOSPHORUS SUPPLY
INGREDIENT PRICES REFLECT ADDED MARKET UNREST
MARKET CONFUSION PUSHES INGREDIENT PRICES HIGHER
FUEL CRISIS CAUSES PRICES TO SEE-SAW
EXPORT BUYING, ENERGY SHORTAGES PUSH COMMODITY PRICES HIGHER
MARKET ADVANCES MAY SIGNAL THE TOP, TRADE THINKS
SOY MEAL PRICES SLIP; INGREDIENT TRADING LIGHT
ANIMAL PROTEIN PRICES CONTINUE TO SHOW STRENGTH

COMPANIES

ABBOTT LABORATORIES
ABBOTT SALES AWARDS
ABBOTT SIGNS JOINT MARKETING AGREEMENT

ACCO FEEDS
ACCO INTRODUCES HORSE FEED, CARE PRODUCT LINE

ACQUARIUM FARMS, INC.
NEBRASKA FISH FARM PROGRESSES

AFFILIATED LABORATORIES
LICENSE TO PRODUCE LEPTO VACCINE GIVEN

AGRIBUSINESS CAREER DEVELOPMENT SERIES
SALES IMPROVEMENT PROGRAM INTRODUCED

AGRI-BIO CORP.
AGRI-BIO CORP. EXPANDS FACILITIES

AGRICULTURAL & INDUSTRIAL DEVELOPMENT, INC.
AID UPS THIRD QUARTER EARNINGS; BEEF SALES HURT
KANSAS CATTLE FEEDING FIRM REPORTS RECORD REVENUES
AID QUARTERLY EARNINGS IMPROVE
A.I.D. TO EXPAND SYRACUSE FEEDLOT
A.I.D. SHOWS NET INCREASE

AGRIMERICA, INC.
AGRIMERICA, INC., ACQUIRES 3 FIRMS
AGRIMERICA'S 1972 SALES INCREASE
AGRIMERICA ACQUIRES LABORATORY FIRM

AGRI-NUTRITION SERVICES, INC.
JOHN GOIHL FORMS CONSULTING SERVICE

AGRI-SCIENCE LABORATORIES, INC.
AGRI-SCIENCE TO CONTINUE USDA RESIDUE TESTING

AGRI-STOCK, INC.
NEW ROUGHAGE BALANCER FOR CATTLE INTRODUCED

AGWAY, INC.
AGWAY COMPLETING NEW YORK PLANT
AGWAY RESEARCH FARM ADDS NEW POULTRY FACILITY
AGWAY EXECUTIVE URGES BUTZ TO CUT FEED PRICES
AGWAY OFFICIAL: NORTHEAST FARMS FACE DISASTER

T INDEX
973

.....NOV 05 P. 1
.....NOV 12 P. 1
.....NOV 12 P. 49
.....NOV 19 P. 1
.....NOV 26 P. 5
.....DEC 03 P. 1
R .....DEC 10 P. 1
.....DEC 17 P. 1
.....DEC 24 P. 1
.....DEC 31 P. 1

.....APR 30 P. 38
.....AUG 06 P. 30

.....JUL 23 P. 3

.....SEP 24 P. 53

.....SEP 03 P. 5

.....JUL 30 P. 40

.....SEP 03 P. 23

.....JAN 22 P. 8
.....JUN 11 P. 8
.....JUL 16 P. 5
.....SEP 03 P. 19
.....OCT 29 P. 8

.....MAY 14 P. 8
.....JUN 25 P. 7
.....OCT 29 P. 47

.....OCT 01 P. 9

.....MAR 19 P. 22

.....SEP 24 P. 8

.....APR 02 P. 30
.....APR 30 P. 47
.....MAY 21 P. 54
.....JUN 11 P. 6

AGWAY EGG MARKETING
AGWAY TO PHASE OUT BUFFALO PLANT
FEED SALES ACCOUNT FOR HALF OF AGWAY GAIN
AGWAY CENTER TO BE REMODELED
AGWAY TO START OWN INSURANCE FIRM

AIR-TITE PRODUCTS CO.
ODOR CONTROL PRODUCT PROMOTED

ALABAMA FEED MILLS, INC.
ALABAMA FEED MILLS' BUSINESS BUILT ON SERVICES PROVIDED CUSTOME

ALBERS MILLING CO.
ALBERS OFFERING SWINE BOOKLET

ALBERTSON, INC.
FOOD CHAIN EXEC BUILDING FEEDLOT

ALLEN FEED & SEED
FEED FIRM ISSUED LICENSE

ALLEN PRODUCTS CO.
ALLEN HAS NEW DRY DOG FOOD

ALLENDALE FARMS
FIRE DESTROYS EGG PLANT IN NEW JERSEY

THE ALLEY COMPANIES
J. N. MAULDIN JOINS THE ALLEY COMPANIES

ALLIED CHEMICAL CORP.
ALLIED CHEMICAL SELLING MOLASSES REPLACEMENT
BYPRODUCTS DISCUSSED

ALLIED MILLS, INC.
ALLIED MILLS HAS 'STRONG GAINS'
ALLIED MILLS CLOSING POLO FOODS PLANT
ALLIED WRITES DOWN POLO FOOD ASSETS
ALLIED MILLS NAMES TWO SENIOR V.P.S, NEW G.M. FOR FEED
ALLIED MILLS REPORTS IMPROVED SALES, EARNINGS
DAIRY BEEF! A GROWING MARKET FOR NORTHEASTERN PRODUCERS
EXECS TOUR PLANT
ALLIED MILLS PLANS TWO FEED PLANTS IN IOWA, NEBRASKA
ALLIED'S EARNINGS REBOUND AIDED BY FEED DIVISION
ALLIED POSTS RECORD QUARTER SALES, EARNINGS
ALLIED TO OFFER NEW DOG FOOD
DIVIDEND AUTHORIZED
ALLIED BUYS SOYBEAN PLANT
ALLIED OPTIMISTIC ABOUT DOG FOOD
WAYNE FEED DEALER HONORED
NEW PUPPY FOOD TO BE MARKETED
ALLIED MILLS REPORTS RECORD 6-MONTH SALES
ALLIED MILLS DEDICATES PLANT IN EASTERN N.Y.
PLANT DEDICATION
ALLIED MILLS OPENS NEW FEED PLANT IN CORDELE, GEORGIA

ALLIED PRODUCTS CORP.
ALLIED PRODUCTS BUYS KRAUS MANUFACTURING

.....SEP 24 P. 22
.....OCT 22 P. 4
.....OCT 22 P. 4
.....NOV 26 P. 36
.....DEC 31 P. 37

.....OCT 22 P. 36

OMERS .....JUL 02 P. 30

.....MAY 21 P. 73

.....APR 23 P. 17

.....FEB 05 P. 74

.....OCT 08 P. 7

.....JAN 08 P. 23

.....DEC 03 P. 8

.....AUG 27 P. 71
.....SEP 10 P. 71

.....JAN 22 P. 1
.....FEB 26 P. 2
.....APR 16 P. 6
.....MAY 07 P. 1
.....MAY 28 P. 1
.....JUN 18 P. 30
.....JUN 25 P. 4
.....JUL 02 P. 1
.....JUL 02 P. 8
.....JUL 23 P. 2
.....JUL 30 P. 4
.....JUL 30 P. 61
.....AUG 06 P. 5
.....AUG 06 P. 8
.....AUG 13 P. 28
.....OCT 15 P. 8
.....OCT 22 P. 2
.....OCT 29 P. 4
.....NOV 26 P. 42
.....DEC 31 P. 19

.....JAN 22 P. 12

ALPHA PRAIRIE DEHY, INC.
DEHYDRATED GRASS PELLET PLANT TO BE BUILT IN ALABAMA

ALTA LIPIDS LTD.
LIPID PROCESS FEED CUTS POLYUNSATURATED FATS IN RUMINANT MEAT,

A-MARK, INC.
A-MARK GROWS

AMARILLO INDUSTRIES, INC.
BYPRODUCTS PLANT NEARS COMPLETION

AMBURGO CO., INC.
AMBURGO COMPANY TO HOLD SALES SEMINAR

AMERICAN BEEF PACKERS, INC.
FEEDLOT SOLD TO OMAHA PACKERS

AMERICAN CATTLE FEEDERS
NEW FEEDLOT PLANS DISCUSSED

AMERICAN COMMODITY CORP.
FEED MERCHANDISING CORPORATION FORMED

AMERICAN CYANAMID CO.
AMERICAN CYANAMID INTRODUCES NEW ANTICOCCIDIAL FOR BROILER, FR
IDEA WINNERS
CYANAMID TO OBSERVE AUREOMYCIN ANNIVERSARY
AG PRODUCTS LED CYANAMID SALES, EARNINGS INCREASES
ANNIVERSARY PARTY
AUREOMYCIN PRICES LOWERED BY CYANAMID
CYNAMID ANNOUNCES MANAGEMENT CHANGES
INJECTIB LE WORMER APPROVED FOR USE ON CATTLE
CYANAMID TELLS RESULTS WITH NEW INJECTABLE WORMER
CYANAMID, UNIVERSITY EXCHANGE SCIENTISTS

ANDERSON BOX CO.
ANDERSON BOX CO. HONORS SALESMEN

ANDERSON, CLAYTON & CO.
ANDERSON CLAYTON DIVIDEND
ANDERSON, CLAYTON UPS INCOME FOR THREE, SIX MONTHS
ACCO OPENS NEW FORMULA FEEDS PLANT IN TEXAS
ANDERSON-CLAYTON DIVIDEND
ANDERSON-CLAYTON TO END COTTON MERCHANDISING
ANDERSON, CLAYTON REPORTS NET INCOME UP 15.7% FOR FISCAL 1973
ANDERSON, CLAYTON PAYS DIVIDEND
ANDERSON, CLAYTON TO BUY CHEESE FIRM
ANDERSON-CLAYTON INCOME UP 37%
ACCO FEEDS RECEIVES AWARD

THE ANDERSONS
THE ANDERSONS DESCRIBE 25 YEARS OF GROWTH IN GRAIN, OTHER BUSI

ANIMAL TECHNAUTICS
ANIMAL NUTRITION COMPANY FORMED

ARBOR ACRES FARM, INC.

.....APR 23 P. 17

AT, MILK PRODUCTS .....MAY 07 P. 1

.....JUN 25 P. 71

.....NOV 26 P. 9

.....OCT 01 P. 9

.....JUL 16 P. 14

.....NOV 05 P. 18

.....NOV 12 P. 2

FRYER CHICKENS .....JAN 15 P. 2
.....MAR 05 P. 15
.....APR 16 P. 5
.....APR 16 P. 44
.....MAY 21 P. 4
.....JUL 09 P. 8
.....JUL 09 P. 33
.....AUG 20 P. 4
.....AUG 27 P. 5
.....NOV 19 P. 36

.....MAY 28 P. 41

.....FEB 26 P. 43
.....MAR 19 P. 9
.....APR 16 P. 5
.....JUN 11 P. 39
.....JUN 18 P. 6
73 .....AUG 27 P. 8
.....SEP 17 P. 25
.....OCT 15 P. 23
.....NOV 26 P. 11
.....NOV 26 P. 39

USINESS VENTURES .....MAY 07 P. 94

.....OCT 15 P. 51

BREEDER PACKAGE
GRIMES ADVANCES TO ARBOR ACRES BOARD

ARCHER DANIELS CO.
ADM PROMOTES 3, ANNOUNCES CHANGES IN ORGANIZATION

ARCHER DANIELS MIDLAND CO.
ADM BUYS SOUTH CAROLINA SOY MILL
ADM EARNINGS UP FOR FIRST QUARTER
ADM GRANTS LICENSE FOR VEGETABLE PRODUCTS
ARCHER DANIELS DIVIDEND
ADM SUBSIDIARY ORDERS THREE RIVER TOWBOATS
ADM ACQUIRES TWO MIDWEST GRAIN FIRMS
ADM TO BUY SUGAR PLANT
STALEY TO MANUFACTURE ADM-PATENTED PRODUCTS
ADM REPORTS THIRD QUARTER EARNINGS
ADM FORMS NEW FOOD OILS COMPANY
ADM DECLARES DIVIDEND
ADM ADDS PROTEIN SPECIALTY DIVISION
ADM UNAUDITED EARNINGS UP
ADM PLANS 100% STOCK DIVIDEND
GOOCH PURCHASES AL NUZUM SUPPLY COMPANY
ADM GRANTS TEXTURED PROTEIN LICENSE
ADM SHOWS NET EARNINGS HIKE
ADM TELLS OF JOINT VENTURE IN AUSTRALIA
INTERNAL GROWTH AND ACQUISITION STRESSED BY ADM
GOOCH COMPANIES OPEN QUALITY CONTROL LABORATORY

ARIZONA-COLORADO LAND & CATTLE CO.
ARIZONA-COLORADO COMPLETES PURCHASE
ARIZONA-COLORADO LAND REVENUES UP 53% IN 1972
ARIZONA-COLORADO'S EARNINGS, SALES UP
ARIZONA-COLORADO REPORT SHOWS AGRIBUSINESS OPERATIONS GROWTH
ARIZONA-COLORADO UPS QUARTER NET
ARIZONA-COLORADO HAS RECORD NET
ARIZONA-COLORADO BUYS KANSAS FIRM

ARIZONA FEEDS
ARIZONA FEEDS GOES TO DRY HEAT PROCESSING OF GRAIN AT ITS TUCS
ARIZONA FEEDS REPORTS SALES OFF, EARNINGS UP IN '72
INVOLVEMENT IN CONVENTIONAL INTEGRATION DECLINING FOR SOME FEE
BACK-TO-THE-LAND, 'MINI-FARM' TRENDS ALTERING FEED MARKETING P
ARIZONA FEEDS WINS MARKETING AWARD
CARDON, MARKLEY PROMOTED AT ARIZONA FEEDS
ARIZONA FEEDS BUYS FEEDLOT, PLANS EXPANSION
T & C FEEDLOT PURCHASED
ARIZONA FEEDS NET SALES UP
EMPLOYEES HONORED

ARMOUR & CO.
ARMOUR & COMPANY ACQUIRES TURKEY, MILLING OPERATION
ARMOUR MAKES TWO MORE ACQUISITIONS IN POULTRY AREA
ARMOUR TO UPGRADE HOG SLAUGHTER PLANT
ARMOUR FOOD CO. OFFERS NEW HOG MARKETING PACT
ARMOUR EXPANDS TURKEY INTEREST
ARMOUR-SWIFT SUIT SETTLED

ASSOCIATED MILK PRODUCERS, INC.

T INDEX
973

	.....MAY 07 P. 48
	.....MAY 14 P. 12
	.....APR 30 P. 8
	.....JAN 15 P. 36
	.....FEB 05 P. 8
	.....FEB 05 P. 70
	.....FEB 19 P. 15
	.....FEB 19 P. 46
	.....MAR 05 P. 8
	.....MAR 05 P. 38
	.....APR 02 P. 9
	.....MAY 07 P. 72
	.....MAY 07 P. 94
	.....MAY 14 P. 43
	.....JUL 09 P. 46
	.....JUL 30 P. 42
	.....AUG 13 P. 8
	.....SEP 03 P. 4
	.....OCT 08 P. 32
	.....OCT 29 P. 8
	.....OCT 29 P. 23
	.....NOV 19 P. 8
	.....DEC 31 P. 2
	.....JAN 22 P. 8
	.....MAR 26 P. 8
	.....APR 02 P. 8
H	.....APR 30 P. 8
	.....MAY 21 P. 8
	.....AUG 06 P. 8
	.....DEC 31 P. 4
UCSON FEED MILL	.....JAN 15 P. 23
	.....APR 02 P. 5
FEED MANUFACTURERS	.....APR 23 P. 24
G PATTERNS	.....APR 23 P. 29
	.....APR 23 P. 51
	.....JUL 30 P. 2
	.....AUG 06 P. 5
	.....SEP 03 P. 5
	.....OCT 22 P. 48
	.....DEC 03 P. 4
	.....FEB 19 P. 8
	.....FEB 26 P. 6
	.....FEB 26 P. 18
	.....MAR 19 P. 43
	.....JUN 25 P. 6
	.....NOV 26 P. 62

AMPI CHANGES MILK PRODUCT IDENTIFICATION

AUSTIN INDUSTRIES, INC.
FEED FIRM LICENSED

AUTRY'S FEED STORE
NEW FEED STORE LICENSE

BBC
BBC KANSAS CITY OFFICE MOVED TO NEW ADDRESS

BP PROTEINS, LTD.
COMPANY RECEIVES AWARD FOR NEW FEED PRODUCT

B & W MILLING CO.
DEALER TURNS OUT LIGHT FEEDERS FROM CONFINED CALF NURSERY

BABCOCK INDUSTRIES, INC.
BABCOCK LOOKING AHEAD TO 'EXCELLENT' POULTRY SALES YEAR
BABCOCK REPORTS LOSS FOR PERIOD
BABCOCK ANNOUNCES DATA ON NEW B-300 LAYER
MEEK RESIGNS AS HEAD OF MIDWESTERN SWINE BREEDERS
BABCOCK REPORTS SIX-MONTH LOSS
BABCOCK SPRING SALES IMPROVE
BABCOCK REPORTS RECORD THIRD QUARTER RESULTS
AGRI-BIO GRANTED VACCINE LICENSE
BABCOCK REPORTS IMPROVED QUARTER
BABCOCK REPORTS NEW HIGHS IN SALES, EARNINGS

BAKER, JAMES E., INC.
NEW PRESIDENT AT BAKER

BAKER COMMODITIES, INC.
BAKER COMMODITIES BUYS POLLUTION CONTROL FIRM

BALTIMORE & OHIO RAILROAD
RAILROAD USES COAL EQUIPMENT FOR GRAIN

BARKER POULTRY EQUIPMENT CO.
TURNER HEADS EQUIPMENT FIRM

BARNUM CO-OP
BARNUM CO-OP BUYS MINNESOTA FEED FIRM

BARRETT TRAILERS, INC.
NEW TRAILER FIRM

BARTLEY BRANDS FOODS
PROCESSOR JOINS NORBEST GROWERS

BASIC FOOD INDUSTRIES, INC.
COMPANY AWARD

THE BEACON MILLING CO.
SALES AWARDS
BEACON MILLING BUYS FEED FIRM
BEACON BUYS FEED BUSINESS

BEATRICE FOODS CO.

T INDEX
973

.....OCT 01 P. 9

.....AUG 06 P. 37

.....APR 09 P. 25

.....JAN 22 P. 35

.....DEC 10 P. 3

.....JUL 16 P. 32

.....FEB 12 P. 8
.....FEB 26 P. 6
.....MAR 05 P. 20
.....MAR 26 P. 3
.....MAY 21 P. 6
.....JUL 09 P. 8
.....AUG 13 P. 8
.....OCT 08 P. 7
.....OCT 29 P. 8
.....DEC 17 P. 8

.....APR 09 P. 6

.....APR 23 P. 8

.....JUN 04 P. 17

.....AUG 27 P. 40

.....APR 30 P. 66

.....JUN 25 P. 48

.....JUL 09 P. 7

.....NOV 12 P. 7

.....SEP 10 P. 70
.....OCT 01 P. 2
.....NOV 19 P. 1

BEATRICE, INTERSTATE BRANDS AGREE ON MERGER PROPOSAL
BEATRICE DROPS PLAN TO ACQUIRE BAKING COMPANY

BEEF CITY INC.
NEW FEEDLOT BEING BUILT

BEEF EXPORT DEVELOPMENT & RESEARCH CO. LTD.
NEW ZEALAND FIRM TO EXPORT BEEF

BEEF INDUSTRIES, INC.
BYPRODUCTS PLANT BEGUN IN AMARILLO
BEEF INDUSTRIES BUYS PLANT

BERLIN MILLING CO.
BROILER GROWERS WIN COURT CASE

BIG DUTCHMAN
BIG DUTCHMAN DISTRIBUTOR
BIG DUTCHMAN CREATES NEW ECOLOGY DIVISION
NEW DISTRIBUTORSHIP

BIG THOMPSON MILL & ELEVATOR CO.
COLORADO ELEVATOR EXPLOSION KILLS TWO

BLEYHL FARM SERVICES, INC.
NEW FEED MILL

BLUE LINKE EXCHANGE
FIRE DESTROYS PORTLAND WAREHOUSE, STORED OATS

BOB'S FEEDS
FULL BULL

BOCM SILCOCK LTD.
EUROPEAN POULTRY FAIR

BOONE VALLEY COOPERATIVE PROCESSING ASSN.
BOONE VALLEY CO-OP REPORTS RECORD SALES

BORDEN CHEMICAL
BORDEN WORLD TRADE NAMES CHINESE AGENT
BORDEN PHOSPHATE PRODUCTION NORMAL

BORDER RANCH, INC.
CALIFORNIA EGG RANCH SOLD

BORDER SWINE CO.
LARGE HOG OPERATION BEING SET UP IN SOUTHERN NEW MEXICO

BRAMAR RANCH & SUPPLY
NEW SUPPLY FIRM

BREEDING, W. R.
60,000 HEAD LOT PLANNED IN TEXAS

BRITISH UNITED TURKEYS
TURKEY BREEDER EXPANSION

BRISTOL LABORATORIES

INDEX
73

.....FEB 19 P. 8
.....APR 02 P. 5

.....AUG 20 P. 4

.....JUN 25 P. 81

.....MAR 05 P. 44
.....JUN 04 P. 5

.... AUG 13 P. 7

.....JAN 22 P. 38
.....MAY 14 P. 32
.....DEC 31 P. 22

.....OCT 29 P. 48

.....NOV 12 P. 14

.....JAN 22 P. 38

.....NOV 12 P. 4

.....NOV 12 P. 25

.....DEC 10 P. 8

.....APR 16 P. 44
.....JUL 09 P. 45

.....APR 02 P. 47

.....MAR 05 P. 4

.....DEC 10 P. 47

.....APR 09 P. 9

.....APR 02 P. 18

COMPANY MARKETS CATTLE INJECTION

H. M. BROWN & CO.
MILL BIN EXPLODES

BUCKEYE FEED MILLS, INC.
BUCKEYE FEED MILL BUILDS WAREHOUSE
BUCKEYE FEED MILLS MAKES STRONG COMEBACK AFTER FIRE DESTROYED

BUHLER-MIAG, INC.
BUHLER, MIAG NORTH AMERICA MERGE

BUNNETT-SMALLWOOD, INC.
NEW INGREDIENT COMPANY FORMED

BURDICK CO.
NEW BURDICK DEALER

BURLINGTON (WIS.) CONSUMERS COOPERATIVE
DISASTER CAN STRIKE DESPITE BEST PRECAUTIONS

BURLINGTON NORTHERN RAILROAD
RAILROAD SETS RECORD FOR JULY GRAIN LOADING

BURNS FOOD LTD.
CANADIAN FIRMS REACH ACQUISITION AGREEMENT

BUTLER MANUFACTURING CO.
CUP CLUB MEMBERS

CPC INTERNATIONAL INC.
CPC INTERNATIONAL REPORTS RECORD '72 SALES, NET INCOME
CPC HAS RECORD FIRST QUARTER
CPC EXPECTS HIGHER EARNINGS IN 1973
CPC EARNINGS SET FIRST HALF RECORD
CPC MOVES OFFICES
CPC HONOR

CAGLES, INC.
CAGLE, INC., REPORTS RECORD HIGH SALES
CAGLE'S STOCK ON AMERICAN EXCHANGE
CAGLE'S SUBMITS PROPOSAL TO MANAGE J. D. JEWELL, INC.
APPROVAL EXPECTED ON CAGLE PLAN TO REORGANIZE JEWELL
CAGLE'S REPORTS SALES, EARNINGS HIKES FOR YEAR
CAGLE'S EXPECTED TO OPERATE JEWELL PLANT
NEW CAGLE LINE
CAGLE'S TO RUN JEWELL POULTRY PROCESSING PLANT
CAGLE'S QUARTERLY SALES, NET UP
CAGLE'S BEGINS BROILER PROCESSING AT JEWELL PLANT

CAL-MAINE FOODS, INC.
INCREASE IN SHELL EGG MARKET PRICE BRINGS PROFIT TO CAL-MAINE
CAL-MAINE SALES, EARNINGS INCREASE

CALIFORNIA PELLET MILL CO.
CPM BUYS ALL OF FEED SAVERS

CAMERON BROKERAGE CO.

INDEX
973

.....JUN 25 P. 5

.....DEC 31 P. 40

.....JAN 15 P. 6
ED PLANT .....MAR 26 P. 26

.....JAN 08 P. 60

.....NOV 12 P. 2

.....APR 30 P. 66

.....APR 30 P. 32

.....AUG 13 P. 4

.....JUN 04 P. 34

.....MAR 26 P. 36

.....MAR 12 P. 52
.....APR 30 P. 8
.....MAY 07 P. 91
.....JUL 30 P. 61
.....AUG 20 P. 3
.....AUG 20 P. 8

.....FEB 19 P. 8
.....MAR 26 P. 7
.....APR 02 P. 8
.....MAY 28 P. 6
.....JUN 11 P. 8
.....JUN 18 P. 6
.....JUL 23 P. 24
.....AUG 13 P. 7
.....AUG 20 P. 8
.....NOV 05 P. 5

NE FOODS .....AUG 13 P. 8
.....OCT 29 P. 7

.....JUL 16 P. 52

NEW BROKERAGE COMPANY FORMED IN NO. CAROLINA

CANADA PACKERS LTD.
SELF-BASTING TURKEY

CAPITOL FEED & MILLING CO.
COMMERCIAL, SUBURBAN CUSTOMERS BOOST CAPITOL FEED'S BUSINESS

CARDINAL SCALE MANUFACTURING CO.
CARDINAL SCALE ANNOUNCES ACQUISITION OF MURPHY

CARGILL, INC.
CARGILL EXPANDS FEED SUPERVISION, MARKETING AREAS
CARGILL OPENS LIQUID FEED PLANT NEAR TAMPA, FLA.
CARGILL MODERNIZING BURRUS FLOUR MILL
CARGILL MAKES CHANGES IN TOP MANAGEMENT
THIRTEEN ATTEND NUTRENA FEED'S SWINE SCHOOL
CARGILL ACQUIRES RITEMIX PLANT
4-H HONORS CARGILL
CARGILL OFFERS DEFERRED SOYBEAN, MEAL DELIVERIES
LARGEST INDUSTRY
PORT OF DULUTH TO EXPAND GRAIN HANDLING FACILITIES
FEED SALES AWARDS
HALES & HUNTER AWARDS
PRESIDENT'S CLUB
NEW FEED BAGS
CARGILL EXPANDING CORN PLANTS
CARGILL FORMS LEASING SUBSIDIARY
CARGILL TO BUILD SOYBEAN OIL PLANT
CARGILL'S EARNINGS REPORTEDLY UP 167% FOR YEAR, SALES TOP $5 B
CARGILL, ROSS REACH AGREEMENT

CARNATION CO.
CARNATION SPLITS STOCK
CARNATION SALES HIT RECORD $1.2 BILLION; RECORD NET PROFIT UP
ALBERS AWARD
CARNATION CREDITS ALBERS MILLING WITH GOOD SALES, EARNINGS
CARNATION SALES, INCOME HIT PEAK
DAIRY RESEARCH BOOKLET
CARNATION LOGO
CARNATION REPORT
CARNATION CO. POSTS RECORD HALF YEAR NET
CARNATION TO BUY TRAILER FIRM
CARNATION SHOWS RECORD EARNINGS FOR 9 MONTHS

CARUS CHEMICAL CO.
CARUS EXPANDS FACILITIES FOR MANGANESE SULFATE

CASCO-GREENE, INC.
CAROLINA AG FIRMS COMBINE

CATTLE, INC.
20,000 HEAD LOT OK'S IN WYOMING

CENTER FOR REGULATORY SERVICES
WILLIAM OLSON BEGINS CONSULTING SERVICE

CENTRAL INDIANA SUPPLY CO.

T INDEX
973

	.....FEB 26 P. 54
	.....JUL 16 P. 21
8	.....OCT 15 P. 41
	.....APR 30 P. 67
	.....JAN 08 P. 12
	.....JAN 22 P. 12
	.....APR 02 P. 8
	.....JUL 02 P. 2
	.....JUL 09 P. 5
	.....JUL 16 P. 8
	.....JUL 16 P. 39
	.....AUG 06 P. 38
	.....AUG 13 P. 21
	.....SEP 10 P. 65
	.....SEP 24 P. 43
	.....SEP 24 P. 43
	.....SEP 24 P. 44
	.....OCT 01 P. 44
	.....OCT 01 P. 53
	.....OCT 22 P. 30
	.....NOV 12 P. 8
5 BILLION	.....DEC 10 P. 8
	.....DEC 31 P. 2
	.....JAN 15 P. 30
UP 11% FROM 1971	.....MAR 12 P. 12
	.....MAR 26 P. 34
	.....APR 02 P. 8
	.....MAY 14 P. 8
	.....JUN 04 P. 6
	.....JUN 18 P. 36
	.....AUG 13 P. 40
	.....AUG 27 P. 8
	.....DEC 03 P. 8
	.....DEC 03 P. 8
	.....FEB 26 P. 47
	.....DEC 24 P. 7
	.....FEB 26 P. 25
	.....JUL 09 P. 4

CENTRAL INDIANA SUPPLY ESTABLISHES PREMIX DIVISION

CENTRAL SOYA CO.
CENTRAL SOYA NET SALES FOR FIRST 1973 QUARTER HIT $259 MILLION
BONDS TO FINANCE CENTRAL SOYA PLANT
CENTRAL SOYA DIVIDEND
CENTRAL SOYA CO. HIKES EARNINGS FOR SIX MONTHS
CENTRAL SOYA HAS RECORD EARNINGS
CENTRAL SOYA ADDS TWO HOG WORMERS TO LINE
'HOG SPECIAL' ISSUED BY CENTRAL SOYA
CENTRAL SOYA INITIATES MINERAL SALES PROMOTION
CENTRAL SOYA BUYS SOY PLANT IN NETHERLANDS
RIGO COMPANY BUILDS NEW PLANT
CENTRAL SOYA REPORTS RECORD EARNINGS, SALES
CENTRAL SOYA DIVIDEND
CENTRAL SOYA BUYS FACILITIES
CENTRAL SOYA TO EXPAND SOYBEAN PROCESSING PLANT
BROILER GROWERS FORM ASSOCIATION
CENTRAL SOYA SALES EXCEED BILLION DOLLARS
CENTRAL SOYA'S SPRINGFIELD MILL BACK ON STREAM
RECORD POULTRY NET HELPS CENTRAL SOYA 1973 RESULTS
CENTRAL SOYA EARNINGS UP
MILK REPLACER INTRODUCED
CENTRAL SOYA DECLARES STOCK SPLIT

CERTIFIED EGG FARMS, INC.
WEST COAST EGG PRODUCERS

CHALMUT ASSN., INC.
CHALMUT FORMS FEEDLOT FINANCING VENTURE

CHAPARRAL CATTLE FEEDERS
TWO FEEDLOTS BUY INTO PARTNERSHIP

CHASE MANHATTAN BANK
CHASE ECONOMETRICS OFFERS INDUSTRY ANALYSIS SERVICE

CHERRY-BURRELL CORP.
CHERRY-BURRELL RELOCATES

CHESAPEAKE & OHIO RAILROAD
RAILROAD USES COAL EQUIPMENT FOR GRAIN

CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD CO.
RAILROAD APPROVES EXPANSION PROGRAM

CHICAGO & NORTH WESTERN TRANSPORTATION CO.
C & NW RAILROAD ORDERS HOPPER CARS
CHICAGO-NORTH WESTERN TO BUY NEW BOXCARS
CHICAGO NORTH WESTERN TO GET NEW EQUIPMENT
NORTH WESTERN BUYS COVERED-HOPPER CARS

CHICKASHA COTTON OIL CO.
CHICKASHA REPORTS HIGHER SALES, INCOME
CHICKASHA ACQUIRES TEXAS FEED FIRM
CHICKASHA COTTON OIL CO. REPORTS HIGHER EARNINGS
CHICKASHA REPORTS NEAR RECORD 1973 EARNINGS
CHICKASHA ISSUES QUARTERLY REPORT

T INDEX
973

.....MAR 12 P. 58

ION, UP 31%

.....JAN 01 P. 4
.....JAN 15 P. 39
.....JAN 22 P. 37
.....MAR 26 P. 8
.....APR 02 P. 8
.....APR 16 P. 13
.....MAY 14 P. 15
.....MAY 14 P. 24
.....MAY 21 P. 8
.....JUN 18 P. 52
.....JUN 25 P. 4
.....AUG 06 P. 38
.....AUG 06 P. 53
.....SEP 24 P. 8
.....SEP 24 P. 22
.....OCT 22 P. 8
.....OCT 22 P. 9
.....DEC 03 P. 8
.....DEC 24 P. 7
.....DEC 24 P. 30
.....DEC 31 P. 31

.....OCT 29 P. 7

.....SEP 17 P. 6

.....JUN 11 P. 16

.....APR 09 P. 62

.....JAN 22 P. 38

.....JUN 04 P. 17

.....NOV 19 P. 30

.....FEB 19 P. 46
.....APR 30 P. 72
.....NOV 19 P. 32
.....DEC 31 P. 26

.....MAR 26 P. 8
.....APR 09 P. 12
.....MAY 28 P. 8
.....OCT 15 P. 8
.....DEC 10 P. 8

CHORE-TIME, INC.
CHORE-TIME POULTRY DISTRIBUTORSHIPS FORMED
CHORE-TIME HOLDS FOUR SALES, SERVICE SEMINARS
CHORE-TIME EXPANDS GEORGIA FACILITIES
DISTRIBUTOR NAMED

CHURCH'S FRIED CHICKEN, INC.
CHURCH'S PROJECTS EARNINGS DECLINE

CIBA-GEIGY CORP.
CIBA-GEIGY DEVELOPS FARM CHEMICAL FILM PROGRAM

CIRCLE B FEEDS, INC.
NEW FEED LOGO

CLARK-BURKLE CO.
MEMPHIS FEED PLANT CLOSING

COAST TRADING CO.
COAST TRADING CO. ACQUIRES ELEVATORS

COASTAL PLAINS FEEDERS, INC.
SOUTHEAST FEEDLOT MILL DESIGNED FOR LOCAL INGREDIENT AVAILABIL

COBB BREEDING CORP.
COBB BREEDING, HARDY & SON FORM PARTNERSHIP

COLBORN GROUP
U.K. FEED FIRM EXPANDS INTO WEST EUROPE

COLLINSVILLE MILLING CO.
NEW PLANT HELPS COLLINSVILLE MILLING EXPAND BEEF, DAIRY FEED B

COLONIAL FOODS, INC.
GMC EGGS BEGINS PLANT EXPANSION AT DOUGLAS, GA.
COLONIAL FOODS CREDITS INCREASED SALES, EARNINGS TO BETTER EFF
COLONIAL FOODS SALES, INCOME UP
COLONIAL REPORTS NET, SALES HIGH
COLONIAL FOODS REPORTS RECORD SALES, EARNINGS

COLONIAL STORES, INC.
NEW COLONIAL STORES

COLOSSAL CATTLE CO.
COLOSSAL CATTLE TO SELL SOME ASSETS

COLT INDUSTRIES, INC.
NEW AD AGENCY NAMED
FAIRBANKS MORSE ANNOUNCES PROGRAM

COLUMBIAN HOG & CATTLE POWDER CO.
COLUMBIAN HOG & CATTLE MOVES TO NEW OFFICES

COMMERCIAL SOLVENTS CORP.
COMMERCIAL SOLVENTS ANNOUNCE PRICE CHANGES
CSC ANNOUNCES NEW CHOLINE CHLORIDE PRICES
DIVIDEND DECLARED

.....FEB 26 P. 43
.....MAY 07 P. 74
.....AUG 06 P. 5
.....AUG 27 P. 40

.....MAR 19 P. 7

.....APR 16 P. 53

.....OCT 29 P. 8

.....AUG 06 P. 8

.....AUG 13 P. 2

BILITY .....AUG 20 P. 28

.....AUG 06 P. 20

.....OCT 01 P. 9

D BUSINESS .....MAR 05 P. 31

.....MAR 05 P. 7
EFFICIENCY, EGG PRICES .....APR 30 P. 8
.....MAY 21 P. 8
.....AUG 27 P. 8
.....DEC 10 P. 8

.....JUL 16 P. 20

.....MAR 19 P. 4

.....JAN 29 P. 62
.....FEB 05 P. 50

.....FEB 19 P. 44

.....APR 02 P. 43
.....MAY 14 P. 25
.....JUN 11 P. 35

CONAGRA, INC.
CONAGRA EXPECTS DOUBLING OF EARNINGS FOR SIX MONTHS
CONAGRA ON NYSE
RED HAT INTRODUCES TWO DAIRY FEED PRODUCTS
CONAGRA FIRST-HALF EARNINGS MORE THAN DOUBLE YEAR EARLIER
CONAGRA PROMOTES 7 NORTHERN FEED DIVISION EXECUTIVES
CONAGRA DIVIDEND
CONAGRA ACQUIRES POULTRY PROCESSING, DISTRIBUTION FIRM
JAPANESE MARKET DISCUSSED
CONAGRA NINE MONTH SALES, EARNINGS UP
TOP NEBRASKA JUDGE
CONAGRA PAYS DIVIDEND
CONAGRA OPENS EASTERN MILL
CONAGRA STEPS UP FEED MARKETING ACTIVITY IN NORTH
CONAGRA LEASES CATFISH FACILITIES IN MISSISSIPPI
CONAGRA SOUTHERN FEED DIVISION HOLDS MEETING
AT CONAGRA MEETING
'FORMAX' BRAND REPLACING SIX FEED LINES AT CONAGRA
CONAGRA ANNUAL SALES, EARNINGS HIT RECORDS
CONAGRA OPENING LIQUID FEED PLANT IN KANSAS
CONAGRA PAYS DIVIDEND
CONAGRA'S FEED, POULTRY DIVISIONS HAD 'GOOD YEAR'
CONAGRA REPORTS QUARTER LOSS
FIRST IN THE SOUTHEAST
CONAGRA SUSPENDS CASH DIVIDENDS
CONAGRA-MONTANA TO MARKET UNDER NEW BRAND NAME
CONAGRA'S RISE IN THE SOUTH

CONDON FEED & SUPPLY, INC.
NEW FEED STORE

CONTINENTAL GRAIN CO.
CONTICOMMODITY SERVICES HONORS 10 ACCOUNT EXECS
CONTINENTAL GRAIN TO BID FOR REST OF ALLIED SHARES
CONTINENTAL EXTENDS ALLIED STOCK OFFER
MILLING COMPLEX OPENED IN AFRICA
CONTINENTAL BUYS MORE OF ALLIED
CONTINENTAL GRAIN TO BUILD GRAIN HANDLING FACILITY
CONTINENTAL LAND USE BID REJECTED

COOK INDUSTRIES, INC.
RIVERSIDE CHEMICAL BUYS 22 FARM SERVICE CENTERS
COOK INDUSTRIES, PORT OF PORTAND TO BUILD 3 MILLION BUSHEL ELE
COOK ANNOUNCES TRANSPORT DIVISION AND IOWA OFFICE
RIVERSIDE EXPANDING
COOK INDUSTRIES LEASES ELEVATOR
COOK INDUSTRIES HAS RECORD QUARTER NET
COOK PURCHASES MINNESOTA FIRM

COOPER, O. A., CO.
O. A. COOPER DEALERS AWARDED
COOPER BUILDING KANSAS FEED MILL
NEW MILL SITE, DEALER INCENTIVE PROGRAM HIGHLIGHT COOPER'S YEA
COOPER DEALERS, SALESMAN WIN HAWAIIAN VACATIONS
COOPER'S NEW MILL
GROUND-BREAKING
ADVISORY COUNCIL FORMED

T INDEX
973

.....JAN 15 P. 8
.....JAN 15 P. 19
.....JAN 29 P. 55
.....FEB 26 P. 8
.....MAR 05 P. 8
.....MAR 26 P. 37
.....APR 02 P. 8
.....APR 09 P. 50
.....MAY 07 P. 12
.....MAY 21 P. 49
.....JUN 18 P. 40
.....JUN 25 P. 71
.....AUG 06 P. 1
.....AUG 06 P. 44
.....AUG 06 P. 49
.....AUG 13 P. 7
.....AUG 27 P. 4
.....SEP 03 P. 2
.....SEP 10 P. 4
.....SEP 17 P. 21
.....OCT 08 P. 8
.....NOV 05 P. 1
.....NOV 05 P. 5
.....DEC 10 P. 7
.....DEC 10 P. 50
.....DEC 24 P. 18

.....MAY 07 P. 63

.....MAR 14 P. 53
.....JUN 18 P. 2
.....JUL 09 P. 8
.....JUL 16 P. 54
.....JUL 30 P. 6
.....SEP 17 P. 51
.....OCT 22 P. 9

.....FEB 26 P. 47
ELEVATOR .....MAR 05 P. 8
.....MAY 14 P. 36
.....JUN 25 P. 71
.....JUL 09 P. 8
.....OCT 29 P. 8
.....DEC 24 P. 7

.....MAR 12 P. 50
.....APR 02 P. 1
YEAR .....APR 09 P. 12
.....APR 09 P. 70
.....APR 30 P. 9
.....MAY 14 P. 40
.....JUL 02 P. 5

O. A. COOPER CO. MARKETING TWO LOW-UREA LIQUID FEED SUPPLEMENT
NEW LIQUID SUPPLEMENT

COOPER U.S.A., INC.
COOPER U.S.A. MOVING TO NORTH CAROLINA

CORBETT POULTRY PRODUCTS CORP.
CORBETT GROUP BUYS IBEC INTEREST IN BROILER, EGG FIRM

CORNBELT HATCHERIES
ARKANSAS BROILER GROWERS AGREE TO NEW CONTRACT

CORONADO FEEDERS, INC.
NEW FIRM PLANS 30,000 HEAD LOT
TEXAS PANHANDLE FEEDLOT BEGINS RECEIVING CATTLE

CORTERRA CORP.
CORTERRA TO ACQUIRE ALLSTATE HATCHERY IN MOVE TO BROADEN MIDWE
CORTERRA REPORTS SECOND QUARTER PROFIT OF $3,000
CORTERRA ACQUIRES ILLINOIS HATCHERY
CORTERRA ANNOUNCES MANAGEMENT CHANGES
CORTERRA REPORTS THIRD QUARTER PROFIT; FEED COSTS HURT INCOME
CORTERRA REPORTS UNAUDITED NET LOSS FOR FISCAL 1973

COUNTRY LANE NUMBER THREE, INC.
EIGHT IOWA FARMERS, FEED MAN FORM EGG PRODUCTION VENTURE

COWAN-GLENN FEEDS, INC.
NEW FEED STORE

CROSS J CATTLE CO.
DENVER INVESTORS SET UP LARGE RANCH, BACKGROUNDING OPERATION I

CRYO-BIOLOGICAL SERVICES, INC.
GENETICS FIRM TO TRANSFER COW OVUM FOR CATTLE MEN

CUTTING, INC.
CUTTING ACQUIRES DAIRY SUPPLY FIRM

CYCLONAIRE CORP.
CYCLONAIRE SYSTEM RIGHTS SOLD

DAIRYLAND PRODUCTS, INC.
DAIRYLAND MARKS 50TH ANNIVERSARY

DAL-WORTH-OLSON EGG FARMS
JEPPESEN NAMED HEAD OF DAL-WORTH-OLSON FARMS

THE JIM DANDY CO.
DOG FOOD LABEL REVISED
JIM DANDY CO. TRUCKERS RECEIVE DRIVING AWARDS

DANFORTH AGRI-RESOURCES, INC.
DANFORTH FRIM BUYS MANAGEMENT CONCERN

DARRAGH CO.
NEW DARRAGH CO. FEED MILL IN OPERATION

DATA CONTROL SYSTEMS, INC.

T INDEX
973
ENTS .....JUL 23 P. 1
.....AUG 13 P. 36

.....MAR 26 P. 8

.....APR 09 P. 1

.....JUN 11 P. 6

.....MAR 12 P. 34
.....MAY 14 P. 5

DWEST MARKETING BASE .....FEB 26 P. 8
.....MAR 12 P. 12
.....APR 02 P. 8
.....APR 16 P. 2
ME .....JUN 25 P. 7
.....OCT 22 P. 8

.....MAR 05 P. 7

.....OCT 22 P. 29

N IN OREGON .....MAR 05 P. 18

.....APR 09 P. 8

.....MAR 26 P. 14

.....SEP 24 P. 50

.....APR 09 P. 61

.....APR 16 P. 6

.....FEB 12 P. 5
.....APR 30 P. 67

.....JUL 16 P. 52

.....FEB 26 P. 5

LICENSE AGREEMENT

WILLIAM DAVIES CO.
SHUR-GAIN BUYS STANDARD FEED MILL IN GEORGIA

DAVIS FOOD SERVICE, INC.
NEW KFC CONTRACT

DAWSON MILLS
DAWSON MILLS UPS YEARLY SAVINGS

DAY, J. H., CO.
J. H. DAY APPOINTS AGENT

JIMMY DEAN MEAT CO.
JIMMY DEAN OPENS IOWA SAUSAGE PLANT

DEAN'S SPECIALTY SUPPLY CO.
MINNESOTA FIRM ANNOUNCES PERSONNEL EXPANSION MOVES
DEAN'S SPECIALTY SUPPLY ACQUIRES WAREHOUSE

DEGUSSA
DEGUSSA TO BUILD METHIONINE PLANT

DEKALB AGRESEARCH, INC.
DEKALB TO SELL ITS PILCH BROILER BREEDER OPERATIONS
DEKALB AGRESEARCH SELLS PILCH-DEKALB TO DUTCH COMPANY
DEKALB TO BUY ARIZONA FEEDS; FIRST FEED ENTRY
DEKALB TO BUY IOWA COMPANY

DELAWARE VALLEY FARMERS COOPERATIVE ASSN.
DELAWARE VALLEY DECLARES DIVIDEND
ZAGORZYCKI TO HEAD DELAWARE VALLEY CO-OP

DEPENDABLE FEED SERVICE, INC.
DEPENDABLE MOVES
NEW OFFICE

DESERT VALLEY HAY & FEED CO.
NEW FEED COMPANY

DEWAR ELEVATOR
SHIFT AWAY FROM LIVESTOCK ALTERS BUSINESS FOR IOWA FEED DEALER

DIAMOND AUTOMATION
ENGINEERS HONORED

DIAMOND INTERNATIONAL CORP.
DIAMOND AUTOMATION HOLDS SERVICE SCHOOL

DIAMOND SHAMROCK CHEMICAL CORP.
DIAMOND SHAMROCK RAISES CALCIUM PANOTHENIC PRICES
DIAMOND SHAMROCK RAISES SOME PRODUCT PRICES
DIAMOND SHAMROCK DIVISION CHANGES NAME
OXYJECT PATENT ISSUED
DIAMOND SHAMROCK ALTERS CHOLINE LINE

DIAMOND V MILLS

.....AUG 20 P. 36

.....APR 30 P. 1

.....APR 09 P. 24

.....DEC 10 P. 8

.....MAY 07 P. 74

.....MAR 05 P. 15

.....JUN 04 P. 8
.....NOV 26 P. 11

.....DEC 03 P. 4

.....FEB 26 P. 6
.....APR 09 P. 12
.....OCT 22 P. 1
.....NOV 26 P. 8

.....JAN 08 P. 24
.....NOV 05 P. 7

.....SEP 03 P. 8
.....DEC 31 P. 31

.....DEC 10 P. 40

ER .....OCT 08 P. 28

.....AUG 27 P. 40

.....JUN 11 P. 21

.....MAR 12 P. 72
.....MAR 19 P. 52
.....APR 30 P. 47
.....APR 30 P. 48
.....OCT 29 P. 61

DIAMOND V SALES REPRESENTATIVES MEET

DIVERSIFIED IMPORTS, INC.
AD AGENCY APPOINTED

DIXIE FARM COOPERATIVE
DIXIE FARM COOPERATIVE DISCONTINUES OPERATIONS

DOANE AGRICULTURAL SERVICE, INC.
DOANE SPONSORS NEW WORKSHOPS

DOMAIN INDUSTRIES, INC.
DOMAIN INDUSTRIES COMBINES FEED, TURKEY OPERATIONS INTO NEW AG
WISEMAN, AHLIN ASSUME NEW ROLES AT DOMAIN INDUSTRIES
FEED SALES CHAMPS
SALES AWARDS
BIG DEFERRED COST WRITE-OFF NULLIFIES HIGHER DOMAIN EARNINGS
DOMAIN REPORTS INCREASED EARNINGS
DOBOY EXPANDING NATION/INTERNATIONAL SALES ACTIVITIES
DOMAIN INDUSTRIES POSTS INCREASED SIX MONTHS NET
DOBOY FEEDS TRIALS REVIEWED AT SALES MEET
NEW MILK FORMULA
DOMAIN SALES, EARNINGS UP
DOMAIN EARNINGS, SALES UP FOR 8-MONTH PERIOD
DOMAIN SALES, EARNINGS UP FOR NINE MONTHS
DOMAIN OFFERS TO REPRESENT OTHER AG PRODUCTS
DOMAIN REPORTS HIGHER EARNINGS

DONLEY COUNTY FEEDLOT, INC.
DONLEY COUNTY FEEDLOT TO TRIPLE CAPACITY

DOW CHEMICAL CO.
DOW IN AUSTRALIA
DOW CHEMICAL REVISES GRAIN FUMIGANT PRICES
DOW TO EXPAND TEXAS RESEARCH FACILITY
DOW EXPANDING AG RESEARCH FACILITY

DREYFUS CORP.
DREYFUS TAKES CONTROL OF HOUSTON PUBLIC ELEVATOR

MARSHALL DURBIN FARMS, INC.
MARSHALL DURBIN BUILDING NEW MILL IN MISSISSIPPI

EASTERN OREGON FARMING CO.
OREGONITES PLAN DEHYDRATING MILL
BARRIER TO ALFALFA DEHY MILL REMOVED

W. & J. B. EASTWOOD
BRITISH FIRM PLANS POULTRY WASTE PLANTS

ELANCO PRODUCTS CO.
INDUSTRY AWARD
TYLOSIN RULES CHANGED FOR HOG FINISHER FEEDS
SEMINAR SPEAKERS

ENDRESS & HAUSER, INC.
COMPANY RELOCATES

THE ESCHENHEIMER SALES CORP.

T INDEX
973

.....NOV 05 P. 36

.....JAN 15 P. 26

.....JAN 29 P. 34

.....SEP 03 P. 44

AGRI-GROUP .....JAN 15 P. 8
.....JAN 29 P. 12
.....MAR 26 P. 8
.....APR 09 P. 54
S .....MAY 07 P. 12
.....MAY 21 P. 8
.....MAY 28 P. 8
.....AUG 27 P. 8
.....SEP 03 P. 8
.....SEP 10 P. 62
.....SEP 17 P. 8
.....OCT 22 P. 8
.....NOV 19 P. 8
.....DEC 24 P. 4
.....DEC 24 P. 7

.....JAN 22 P. 4

.....JAN 29 P. 22
.....MAR 26 P. 35
.....MAY 28 P. 32
.....JUN 18 P. 39

.....MAY 14 P. 15

.....APR 30 P. 8

.....MAR 19 P. 4
.....APR 23 P. 8

.....NOV 26 P. 33

.....APR 16 P. 8
.....AUG 20 P. 4
.....NOV 12 P. 5

.....DEC 31 P. 25

ARIZONA FIRM FORMED TO DISTRIBUTE FEEDS

JOHN W. ESHELMAN & SONS
RED ROSE HORSE FEED INTRODUCED
RED ROSE EXEC COUNCIL
TWENTY-FIVE YEAR RECOGNITION

ESMARK, INC.
ESMARK POSTS 'SHARP PROFITS'

EURIBRID, N. V.
PILCH, INC., NAMES STEWART MANAGER

FCX, INC.
MCCLAM TO BECOME FCX HEAD JULY 1
FCX, INC., BUYS GRAIN COMPANY

FMC CORP.
FMC ANNOUNCES PRICE HIKE ON FEED SUPPLEMENT

FS SERVICES
FS OFFERING CUSTOMIZED FARM AUTOMATION SERVICE
STUDENTS WORK UNDER FS INTERN PROGRAM
CONNALLY TO ADDRESS FS ANNUAL MEETING
500 HOG PRODUCERS TOLD THEIR BUSINESS IS PROFITABLE AT FS MEET
FS INVESTS IN RAIL CARS, TRUCKS

F&W FEED CO.
ALFALFA PLANT PLANNED FOR SOUTH DAKOTA

FALSTAFF BREWING CO.
FALSTAFF FEED MEETING

FAR-MAR CO., INC.
WILLIAM DEVENY RETIRES
FAR-MAR-CO BUILDING ANOTHER STAREA PLANT
STAREA COMPARED TO SOYBEAN MEAL
DENVER FIRM TO DISTRIBUTE STAREA
THE NEWEST LUXURY: EATING.
UPPER MIDWEST STAREA REP NAMED
SWEDISH CO-OP TO PRODUCE, MARKET STAREA
FAR-MAR-CO NAMES 3 STAREA AGENTS
FAR-MAR-CO FILM WINS

FARM BUREAU SERVICES
MICHIGAN CO-OP TO UPHOLD BOOKINGS
MICHIGAN CO-OP CONTINUES BOOKINGS

FARM SYSTEMS INC.
FARM SYSTEMS FORMS NEW FEED HANDLING OPERATION

FARMERS CO-OP SOCIETY
IOWA COOPERATIVE BUILDING FEEDLOT
NEW MILL BUILT IN WYOMING

FARMERS COOPERATIVE CO.
GRAIN, FEED FIRM PROMOTES FOUR PRODUCT LINES PROFITABLY

FARMERS ELEVATOR CO.

INDEX
73

.....APR 09 P. 60

.....JUN 18 P. 5
.....JUL 23 P. 4
.....NOV 19 P. 31

.....JUL 23 P. 8

.....APR 16 P. 6

.....FEB 05 P. 74
.....NOV 19 P. 8

.....MAR 05 P. 15

.....FEB 05 P. 42
.....JUN 18 P. 51
.....AUG 06 P. 38
.....SEP 10 P. 4
EET .....DEC 10 P. 47

.....MAY 14 P. 23

.....FEB 26 P. 54

.....JAN 08 P. 60
.....APR 16 P. 5
.....MAY 07 P. 80
.....JUN 04 P. 20
.....JUL 02 P. 1
.....AUG 27 P. 4
.....AUG 27 P. 4
.....OCT 22 P. 9
.....NOV 19 P. 28

.....MAR 19 P. 52
.....APR 16 P. 4

.....APR 02 P. 41

.....MAR 05 P. 16
.....OCT 15 P. 8

.....DEC 10 P. 26

NEW GRAIN TERMINAL NEARS COMPLETION
ELEVATOR ADDITION

FARMERS GRAIN CORP.
OHIO FARMERS GRAIN EXPANDING TERMINAL

FARMERS HYBRID COMPANIES INC.
AID TO PORK PRODUCERS
FARMERS HYBRID TO ADD BOAR SALES CENTERS

FARMERS UNION CENTRAL EXCHANGE
FARMERS UNION MILL BURNS, PROBABLY WILL BE REBUILT
CENTRAL EXCHANGE CO-OP HAS RECORD $230 MILLION SALES

FARMERS UNION COOPERATIVE
EXPANDED CORN HANDLING COMPLEX HELPS GROWTH OF CO-OP'S FARM SU

FARMERS UNION GRAIN TERMINAL ASSN.
ELEVATOR EXPANDED
GTA STUDIES REPLACING SOY CRUSHING PLANT
NEW GTA MILL TO BE DEDICATED IN MINNESOTA
GTA READIES NEW MINNESOTA FEED FACILITY
MONDALE TO ADDRESS GTA
GTA ANNOUNCES RECORD SALES, FEED VOLUME

FARMERS UNION MARKETING AND PROCESSING ASSN.
FARMERS UNION AWARDS MONEY TO AG STUDENTS

FARMLAND INDUSTRIES
FARMLAND REPORTS AN INCREASE IN FORMULA FEED SALES FOR YEAR
FARMERS' STORY
FARMLAND PORK PROGRAM SAID TO HELP FEED SALES
FARMLAND INDUSTRIES TO BUILD SOYBEAN PROCESSING PLANT
FARMLAND TO BREAK GROUND FOR NEW MILL
FARMLAND TO BUILD IOWA SOYBEAN PROCESSING PLANT
FARMLAND HAS RECORD SALES
FARMLAND FOODS BUYS CHICAGO CO.
FARMLAND REPORTS RECORD ANNUAL SALES, SAVINGS

FARNAM
20 MANUFACTURERS TO MARKET FARNAM HORSE FEED LINE
HORSE FEED INTRODUCTION

FARR BETTER FEEDS
FEED EMPLOYEE INJURED
COLORADO ELEVATOR DAMAGED BY FIRE

FASSAUER INDUSTRIES, INC.
NEW TEXAS COMPANY TO SERVE FEEDING INDUSTRY

FEDERAL COMPANY
FEDERAL CO. NET INCOME UP AFTER SECOND QUARTER
FEDERAL CO. SALES, EARNINGS INCREASE
WATER SHORTAGE STOPS POULTRY PLANT
FEDERAL ACQUIRES MEMPHIS FIRM
HOLLY FARMS BOOSTS FEDERAL'S SALES, EARNINGS
FEDERAL, MOORE TERMINATE TALKS
FEDERAL REPORTS INCREASED EARNINGS FOR TWO GROUPS

.....AUG 27 P. 8
.....OCT 22 P. 44

.....APR 16 P. 4

.....APR 02 P. 4
.....JUN 18 P. 32

.....JAN 15 P. 2
.....MAR 26 P. 8

SUPPLY BUSINESS .....APR 16 P. 32

.....MAR 05 P. 36
.....MAR 19 P. 9
.....OCT 22 P. 8
.....NOV 05 P. 4
.....NOV 26 P. 11
.....DEC 03 P. 1

.....AUG 06 P. 35

.....JAN 22 P. 8
.....APR 16 P. 1
.....MAY 21 P. 73
.....MAY 28 P. 1
.....JUL 16 P. 8
.....SEP 24 P. 8
.....OCT 08 P. 1
.....NOV 05 P. 8
.....DEC 17 P. 1

.....APR 16 P. 1
.....MAY 21 P. 1

.....JUN 18 P. 52
.....SEP 10 P. 8

.....FEB 26 P. 41

.....JAN 08 P. 12
.....APR 16 P. 8
.....MAY 28 P. 7
.....JUN 04 P. 8
.....JUL 02 P. 8
.....AUG 06 P. 6
.....AUG 27 P. 8

THE FEDERAL CO. DECLARES DIVIDEND
FEDERAL REPORTS HIGHER INCOME
FEDERAL DIVIDEND

FEED COMMODITIES, INC.
TEXAS FIRM MARKETING PROTEIN RANGE BLOCK

FEED FLAVORS, INC.
FEED FLAVORS NAMES FLORIDA REPRESENTATIVE
FEED FLAVORS SALES UP
FEED MAN VISITS U.S.
INSTALLS TELEX
FEED FLAVORS EXPANDS FACILITIES
NEW DISTRIBUTORSHIPS

FEED SPECIALTIES CO.
FEED SPECIALTIES OPENS NEW PLANT

FERMA-GRO CORP.
FERMA-GRO CORP. BUILDING PLANT

FERMENTED PRODUCTS
FERMENTED PRODUCTS ELECTS DIRECTORS, UPS YEARLY RESULTS

FERRELL-ROSS
FERRELL-ROSS REALIGNS SALES RESPONSIBILITIES
FERRELL-ROSS BUYS EQUIPMENT LINES
FERRELL-ROSS BUYS KANSAS COMPANY

FISHER MILLS, INC.
SEATTLE FEED FIRM RECONSIDERS DECISION

FLAVORLAND INDUSTRIES, INC.
FLAVORLAND POSTS LOWER EARNINGS
FLAVORLAND TO BUY MORE OF OWN STOCK
FLAVORLAND REOPENS THREE BEEF PLANTS
FLAVORLAND FEEDS CATTLE IN MIDWEST
FLAVORLAND DIVIDEND
FLAVORLAND PLANS FEEDLOT EXPANSION IN WASHINGTON
FLAVORLAND EARNINGS RISE

FLETCHER/MAY ASSOCIATES, INC.
FLETCHER/MAYO ELECTED
FLETCHER/MAYO/ASSOCIATES REPORTS RECORD GROWTH

FLOWERS INDUSTRIES, INC.
FLOWER INDUSTRIES SALES, EARNINGS UP
FLOWERS INDUSTRIES REPORTS FIRST QUARTER INCOME UP
FLOWERS INDUSTRIES TO ACQUIRE FIRMS
FLOWERS INDUSTRIES HAS INCREASED EARNINGS, COMPLETES ACQUISITI
FLOWERS INDUSTRIES SALES, INCOME UP
FLOWERS INDUSTRIES REVISES EARNINGS

FORMICA CO.
S.D. FORMICA FORMS CONSULTING COMPANY

FORTAMIX CHEMICALS, LTD.
FORTAMIX HAS LIQUID FEED LINE

.....SEP 24 P. 52
.....DEC 31 P. 4
.....DEC 31 P. 34

.....NOV 26 P. 9

.....JAN 08 P. 60
.....APR 02 P. 38
.....AUG 06 P. 42
.....SEP 17 P. 23
.....OCT 08 P. 32
.....DEC 24 P. 29

.....JUL 30 P. 8

.....JUL 16 P. 8

.....FEB 12 P. 8

.....MAR 12 P. 12
.....JUN 11 P. 28
.....NOV 19 P. 8

.....JUL 16 P. 49

.....AUG 06 P. 8
.....SEP 03 P. 8
.....SEP 03 P. 43
.....OCT 22 P. 9
.....NOV 05 P. 8
.....DEC 24 P. 4
.....DEC 24 P. 4

.....FEB 12 P. 37
.....MAR 05 P. 47

.....FEB 05 P. 38
.....MAY 07 P. 86
.....JUN 18 P. 7
ITION .....AUG 20 P. 8
.....SEP 10 P. 22
.....DEC 10 P. 6

.....NOV 05 P. 8

.....MAY 07 P. 78

FORTEX INDUSTRIES, INC.
EQUIPMENT REPRESENTATIVE

FRANCESCO VISMARA S.P.A
ANIMAL HUSBANDRY AWARD

FRANK BROS. INTERNATIONAL GRAIN CO.
FRANK BROS. FORMS GRAIN COMPANY

FREEZER SERVICES, INC.
FOOD WAREHOUSE FACILITY BEING BUILT

FRIONA INDUSTRIES, INC.
FRIONA INDUSTRIES OFFERS COMMON STOCK
FRIONIA INCREASES SHARE OFFERING
TEXAS FIRM HAS HIGHER EARNINGS

JACK FROST, INC.
JACK FROST BUYS 250,000 LAYER EGG OPERATION

FRUEHAUF CORP.
NEW FRUEHAUF STORE
FRUEHAUF FARGO BRANCH

FS SERVICES, INC.
FS TO HOLD REGIONAL DIRECTOR CONFERENCES
FS SERVICES HAS RECORD ANNUAL SALES, PROFITS

FUNK SEEDS INTERNATIONAL, INC.
FUNK SEEDS TO BUY COLUMBIANA SEEDS

FUZZY'S FEED MILL
FEED DRIVE-IN SPEEDS UP SERVICE TO CUSTOMERS OF FUZZY'S FEED M

GENERAL FOODS CORP.
PET FOOD WAREHOUSE TO BE CONSTRUCTED

GENERAL MILLS
GENERAL MILLS HAS RECORD QUARTER
GENERAL MILLS FORMS PROCUREMENT DIVISION
MANAGEMENT SHIFTS AT GENERAL MILLS
GENERAL MILLS SALES UP IN FIRST QUARTER

GEORGIA-PACIFIC CORP.
POULTRY SHAVINGS

GLECO MILLING CO.
GLECO MLG SERVES BOTH LARGE, SMALL FD CUST IN VIRGINIA TRADE A

GLOVER, INC.
GLOVER POSTS RECORD YEARLY EARNINGS, SALES
PRUDENTIAL LOANS MEAT COMPANY $5.8 MILLION

GODBOLD, INC.
SOUTHWEST FEED COMPANY GROWS WITH RANGE BLOCKS, SUPPLEMENTS

GODFREY CO.

T INDEX
973

.....OCT 15 P. 49

.....OCT 01 P. 52

.....OCT 08 P. 32

.....MAY 21 P. 54

.....APR 16 P. 50
.....OCT 15 P. 63
.....DEC 03 P. 8

.....AUG 20 P. 8

.....MAY 14 P. 25
.....OCT 22 P. 34

.....JUL 09 P. 5
.....OCT 15 P. 8

.....JAN 22 P. 38

MILL .....JUN 04 P. 32

.....SEP 10 P. 25

.....JAN 08 P. 12
.....FEB 26 P. 42
.....JUN 11 P. 45
.....SEP 24 P. 56

.....APR 30 P. 24

AREA; DAIRY, BEEF FDS MAKE UP MOST OF BUS .....APR 02 P. 27

.....JUL 16 P. 8
.....AUG 13 P. 14

.....DEC 17 P. 25

GODFREY CO. MILL HELPS PROFITS
MIDWESTERN SUPERMARKET FIRM SOLD ON PRODUCING OWN MARKET EGGS

GOLD KIST, INC.
GOLD KIST FORMS NEW DEPARTMENT
GOLD KIST MILL OPENS IN GEORGIA
GOLD KIST FOUNDER HONORED IN MOVIE
GOLD KIST REPORTS RECORD SALES FOR FIRST 7 MONTHS
SOYBEAN PROCESSING PLANT BEING BUILT IN ALABAMA
GOLD KIST SEES BEST YEAR EVER
POULTRY LEADS GOLD KIST RECORD ANNUAL PERFORMANCE
UNION BID FAILS
LITTON TO SPEAK AT GOLD KIST ANNUAL MEETING
GOLD KIST REPORTS RECORD VOLUME, MARGINS FOR YEAR

GOLD LABEL FEEDS, INC.
GOLD LABEL DEALER COUNCIL MEMBERS NAMED
GOLD LABEL FEEDS PURCHASES FORMER PURINA FEED PLANT

GOLD RUSH VALLEY, INC.
ARIZONA LICENSE ISSUED

GOLDEN HARVEST SEEDS, INC.
SEED COMPANIES FORM NEW BUSINESS

GOLDEN PRIDE, INC.
BROILER FIRM CHANGES NAME

GOLDEN SUN FEEDS, INC.
GOLDEN SUN PLANS NEW MILL, OFFICES
GOLDEN SUN ADVISORY COUNCIL MEETS

GRACE, W. R., & CO.
W. R. GRACE UPS INCOME 27%, SALES 13% FOR YEAR; AG PRODUCTS BIG
GRACE HAS SALES, EARNINGS INCREASE
W. R. GRACE HAS RECORD FIRST HALF

GRAIN PROCESSING CORP.
GRAIN PROCESSING CORPORATION IN EXPANSION MOVE
KENT SUBSIDIARY GETS RIGHTS TO 'PROTECTED PROTEIN'

THE GRANGE CO.
GRANGE CO. ESTABLISHES BREEDER, HATCHERY DIVISION

GRANT COUNTY FARMCO
FARMCO WAREHOUSE DESTROYED BY FIRE

GRUEL OMATIC
HOG FEEDER DEALER

GRUENDLER CRUSHER & PULVERIZER CO.
GRUENDLER COMPANY ANNOUNCES APPOINTMENTS

H & N, INC.
H & N OPEN HOUSE

H. F. C. FEEDS
MILL RECORDS ARE PART OF QUALITY CONTROL PROGRAM AT H.F.C. FEED

INDEX
73

.....JUL 02 P. 8
S .....AUG 20 P. 30

.....JAN 08 P. 45
.....JAN 22 P. 12
.....FEB 26 P. 58
.....APR 09 P. 12
.....APR 09 P. 70
.....SEP 10 P. 8
.....OCT 15 P. 8
.....NOV 05 P. 23
.....NOV 12 P. 8
.....DEC 03 P. 8

.....FEB 19 P. 44
.....MAR 12 P. 6

.....JAN 15 P. 16

.....AUG 13 P. 31

.....NOV 05 P. 6

.....MAY 14 P. 1
.....SEP 03 P. 13

BIG INCOME GAINER .....MAR 19 P. 9
.....APR 30 P. 68
.....JUL 30 P. 8

.....MAY 28 P. 8
.....JUN 04 P. 1

.....APR 16 P. 19

.....JUN 25 P. 75

.....FEB 26 P. 50

.....APR 09 P. 57

.....DEC 31 P. 4

EEDS .....NOV 05 P. 31

HADDY BROKERAGE CO.
HADDY BROKERAGE CO. NAMED KEYES FIBRE REP
HADDY SALES BUYS PACKAGING COMPANY

ALVIN R. HAERR & CO.
WORKSHOPS EXPANDED

HAMILTON (MICH.) FARM BUREAU COOPERATIVE
MICHIGAN FARM SUPPLIER MOVES FEED CUSTOMERS' EGGS TO MARKET

HANCOCK, B. M., & SONS
B. M. HANCOCK: PIONEER IN THE SOUTHEASTERN BROILER BUSINESS

HAPPY WHEAT GROWERS FEEDLOT, INC.
HAPPY WHEAT GROWERS TRIPLES FEEDLOT CAPACITY

HARVEST INDUSTRIES, INC.
HARVEST INDUSTRIES POSTS RECORD SALES, NET INCOME AND EARNINGS
HARVEST EXPANDING INTO ENDOCRINOLOGY
MOLASSES DEHY PLANT COMPLETED
HARVEST INDUSTRIES UPS QUARTER NET
HARVEST INDUSTRIES PROFITS INCREASE
HARVEST DIVIDEND
CORTERRA, HARVEST REACH HONEGGERS MERGER AGREEMENT
HARVEST INDUSTRIES SALES, INCOME UP
CUTTING DIVISION PRESIDENT NAMED
BIG H FEEDS HOLDS WORKSHOP

HARVESTALL INDUSTRIES, INC.
ELECTRIC GRAIN DRYING SUBJECT OF NEW BOOK

J & R HAY INDUSTRIES, INC.
FEED FIRM LICENSED

HAY MAN FEED STORE
NEW FEED STORE OPENS

HEARD-KINARD SALES CO.
HEARD-KINARD NAME CHANGE ANNOUNCED

HEINOLD COMMODITIES, INC.
HEINOLD COMMODITIES OPENS BRANCH OFFICE

HEINOLD HOG MARKETS, INC.
HEINOLD TO EXPAND FEEDER CATTLE, PIG OPERATIONS THIS YEAR

HELENA CHEMICAL CORP.
ANIMAL HEALTH FIRM IN NEW QUARTERS

HEUBLEIN
HEUBLEIN POSTS NET INCOME, SALES HIGHS FOR SIX MONTHS
HEUBLEIN TO ACQUIRE DAVIS FOOD SERVICE
HEUBLEIN BUYS REMAINING KFC INTERESTS IN BRITAIN
HEUBLEIN REPORTS INCOME, SALES UP
KFC, DAVIS FOOD SERVICE AGREE TO MERGE
BROWN RESIGNS KFC BOARD CHAIRMANSHIP
SHAREHOLDERS APPROVE DAVIS FOOD MERGER

T INDEX
973

.....JAN 15 P. 29
.....OCT 22 P. 43

.....MAY 28 P. 42

.....MAY 28 P. 20

S .....APR 09 P. 39

.....MAY 14 P. 12

NGS PER SHARE IN '72 .....MAR 26 P. 8
.....MAR 26 P. 9
.....APR 16 P. 38
.....APR 30 P. 8
.....JUL 30 P. 8
.....AUG 20 P. 36
.....OCT 01 P. 1
.....NOV 05 P. 8
.....NOV 19 P. 36
.....DEC 31 P. 41

.....AUG 27 P. 42

.....MAY 07 P. 92

.....APR 23 P. 2

.....DEC 31 P. 36

.....OCT 29 P. 24

.....MAR 05 P. 38

.....OCT 08 P. 32

.....MAR 05 P. 8
.....APR 30 P. 6
.....MAY 14 P. 24
.....MAY 28 P. 8
.....JUL 16 P. 6
.....JUL 30 P. 66
.....SEP 03 P. 6

FOOD GROUP LEADS HEUBLEIN IN FISCAL 1973 INCOME; KFC SALES UP
KFC EXPANDS INTO KUWAIT

HICKS FEED & SEED
HICKS FEED GRANTED LICENSE

HI-PLAINS ENTERPRISES, INC.
HI-PLAINS POSTS RECORD NET PROFIT
HI-PLAINS' NET EQUAL TO 1972

HI-PRO FEEDS, INC.
HI-PRO FEEDS' COMPUTER SYSTEM: MULTI-FUNCTIONAL, EASY TO OPER

HILL HATCHERY
VETERAN HATCHERY OWNERS SELL FIRM

HILLCREST FOODS, INC.
DANSKY IN HOLLAND TO STUDY POULTRY OPERATIONS
HILLCREST NUTRITIONIST CONFERS WITH ISRAELIS
HILLCREST ANNOUNCES PERSONNEL CHANGES, EXPANSION PLANS

HOFFMANN-LA ROCHE, INC.
VITAMIN PRICES ANNOUNCED BY HOFFMANN-LA ROCHE
HOFFMANN-LA ROCHE TELLS VITAMIN SUPPLEMENT PRICES
ROCHE CONDUCTS SEMINAR-WORKSHOP
VITAMIN A PRICE CHANGES ANNOUNCED

HOFFMAN-TAFF, INC.
COMPANY OFFERS FRANCHISES FOR NEW HORSE FEEDS

HOLLIS COTTON OIL MILL
HOLLIS COTTON MILL BURNS

HOLLY FARMS POULTRY INDUSTRIES
FIRE HITS HOLLY PROCESSING PLANT
FIRE DAMAGED HOLLY FARMS PLANT REBUILT

HONEGGERS' & CO., INC.
HONEGGERS INTRODUCES SWINE SUPPLEMENT

HOPKINS, E.C. & W.L., INC.
CHARLES R. HOPKINS ANNOUNCES RETIREMENT

HORMEL & CO.
HORMEL QUARTERLY EARNINGS OFF 25%

HUBBARD FARMS
HUBBARD FARMS HOLDS BREEDER SEMINARS
HUBBARD BUILDING HATCHERY FACILITY
HUBBARD FARMS EXPANDS HATCHERY
HUBBARD FARMS SALES REPRESENTATIVES MEET
COMPLETES POULTRY STUDY
HUBBARD BOOSTING PLANT CAPACITY
HUBBARD RECEIVES AWARD FOR EXPORTS
HUBBARD CITES CHALLENGE OF SUPPLYING FOOD

HUBBARD MILLING CO.
HUBBARD PIG STARTER

INDEX
973
UP 20%

.....OCT 15 P. 7
.....DEC 03 P. 23

.....FEB 19 P. 15

.....MAY 14 P. 41
.....AUG 20 P. 8

PERATE

.....APR 02 P. 28

.....NOV 26 P. 10

.....FEB 26 P. 46
.....MAY 21 P. 62
.....DEC 31 P. 4

.....APR 30 P. 74
.....MAY 07 P. 6
.....SEP 10 P. 8
.....OCT 29 P. 60

.....JUL 30 P. 1

.....FEB 12 P. 45

.....NOV 05 P. 6
.....NOV 19 P. 19

.....JAN 08 P. 9

.....JAN 29 P. 82

.....MAR 05 P. 48

.....APR 09 P. 60
.....MAY 14 P. 21
.....JUN 04 P. 25
.....JUN 18 P. 21
.....JUL 23 P. 7
.....AUG 20 P. 6
.....DEC 10 P. 32
.....DEC 31 P. 33

.....JAN 08 P. 9

HUBBARD'S WALDO RECOVERING
HUBBARD MILLING HOSTS DEALER ADVISORY COUNCIL
HUBBARD HOSTS FFA JUDGES
HUBBARD BEEF FEED INTRODUCED
HUBBARD, WISCO MILLING MERGE MINK OPERATIONS

HUCO, INC.
HUGHES FEED & GRAIN CHANGES CORPORATE NAME
HUCO TO MOVE

HUDMAN & SONS FEED STORE
FEED STORE OPENS

HULME FEED & SUPPLY CO.
FEED COMPANY MOVES

HUPSI CORP.
HUPSI ANNOUNCES MOVE TO ATLANTA

THE F. HURLBUT CO.
F. HURLBUT RELOCATES

HYER INDUSTRIES, INC.
CUTLER-HAMMER TO SELL THAYER SCALE COMPANY

HY-LINE INTERNATIONAL
HY-LINE NAMES DISTRIBUTOR FOR NEW ENGLAND STATES
HY-LINE REMODELS RESEARCH UNITES
HY-LINE HOLDS PRODUCTION MEETING

HYPRO, INC.
HY-CROSS TO TAKE OVER WALLACE HATCHERIES FIRM

IBBERSON, T. E., CO.
SAFETY AWARD

IKE'S FEED STORE
NEW FEED STORE

ILLINOIS CENTRAL GULF RAILROAD
ILLINOIS CENTRAL ORDERS 300 NEW HOPPER CARS
ILLINOIS CENTRAL TO CONVERT HOPPERS

INDIANA FARM BUREAU COOPERATIVE ASSN.
INDIANA FARM BUREAU EXPANDS GRAIN FACILITIES

INDUSTRIAL MOLASSES CORP.
INDUSTRIAL MOLASSES OPENS OHIO PLANT
LIQUID MOLASSES TERMINAL OPENED
INDUSTRIAL MOLASSES OPENS NEW PLANT

INTERNATIONAL BASIC ECONOMY CORP. (IBEC)
IBEC PROPOSES TO REDUCE OPERATIONS
IBEC DOMESTIC POULTRY OPERATIONS CONTRIBUTE TO FISCAL 1972 NET
HOSKINS TO HEAD IBEC SUBSIDIARY

INTERNATIONAL CRYO-BIOLOGICAL
DISCUSSING OVA TRANSFER

.....FEB 12 P. 6
.....JUN 25 P. 7
.....JUL 30 P. 8
.....AUG 27 P. 5
.....SEP 03 P. 8

.....FEB 26 P. 20
.....JUN 25 P. 70

.....APR 09 P. 84

.....APR 09 P. 57

.....MAY 21 P. 8

.....MAR 12 P. 58

.....APR 09 P. 75

.....JAN 15 P. 36
.....JUL 16 P. 7
.....AUG 27 P. 7

.....APR 30 P. 7

.....APR 09 P. 10

.....SEP 10 P. 17

.....APR 30 P. 63
.....OCT 29 P. 48

.....DEC 03 P. 4

.....MAY 07 P. 74
.....JUN 18 P. 7
.....OCT 29 P. 51

.....JAN 29 P. 74
.....MAY 28 P. 7
NET LOSS .....OCT 15 P. 54

.....MAY 07 P. 76

INTERNATIONAL DIVISION, INC.
EQUIPMENT FIRM GETS EXPORT AWARD

INTERNATIONAL MINERALS & CHEMICAL CORP.
FOOD CONFERENCES HELD TO DISCUSS 'GREEN REVOLUTION'
IMC OPENS SALES CENTER IN DES MOINES
IMC ACQUIRES MINING RIGHTS
IMC PURCHASES TANK LINE STOCK
IMC STOCK DIVIDEND
FERTILIZER DEMAND EXPECTED TO BOOST IMC 1974 EARNINGS

INTERNATIONAL MULTIFOODS CORP.
INTERNATIONAL MULTIFOODS REPORTS RECORD THIRD QUARTER SALES EA
E. A. THOMPSON RETIRES FROM MULTIFOODS
SUPERSWEET HOLDING DEALER CONFERENCE IN FLORIDA
SUPERSWEET OPENS LIQUID FEED PLANT
IM DECLARES DIVIDEND
INTERNATIONAL MULTIFOODS TO DEVELOP RESTAURANT CHAIN
INTERNATIONAL MULTIFOODS BUYS PART OF EGG FIRM
DEALERS HONORED
MULTIFOODS REPORTS RECORD 1972 SALES, EARNINGS
SUPERSWEET HOLDS DEALER SESSIONS
LABOR BOARD RULING FAVORS WORKERS IN IMCO POULTRY CASE
AG PRODUCTS 'SHINING STAR' FOR MULTIFOODS IN 1972
SUPERSWEET HONOR COUNCIL MEETS
MULTIFOODS' DIVIDEND
RUNKE HEADS IM; QUARTERLY SALES, EARNINGS UP
MULTIFOODS SEES GOOD GROWTH FOR AG PRODUCTS
SUPERSWEET-FED STEER, PIG AID TV STATION
SUPERSWEET ACCOUNTING SYSTEM INTRODUCED
CENTRAL SOYA SELLS MILL TO MULTIFOODS
SUPERSWEET BEGINS NEW SALE PROMOTIONS
MULTIFOODS EXPANDING EGG WAREHOUSE
SUPERSWEET HOLDING GENERAL SALES MEETING
SUPERSWEET MEETING
IM PROJECTS GROWTH OF AG DIVISION SALES
MULTIFOODS BUYS KANSAS FARM STORE
MULTIFOODS HAS RECORD SIX MONTHS, RAISES ANNUAL SALES PROJECTI
SUPERSWEET MARKET PLANS RELATE TO SERVICE NATURE OF FEED BUSIN
SUPERSWEET FEEDS HONORS MANAGERS
SUPERSWEET BUILDS PROTEIN BLOCK PLANT
AD AGENCY APPOINTED
COW-CALF FEED PROGRAM BOWS
SUPERSWEET DEALERS MEET WITH MANAGEMENT
MULTIFOODS HAS RECORD 9-MONTH EARNINGS, SALES
DIVIDEND DECLARED

INTERNATIONAL PROTEINS CORP.
FISH MEAL FIRM PREDICTS HIGHER 1973 EARNINGS

INTERPACE CORPORATION
NEW CAREY LOGO

IOWA BEEF PROCESSORS, INC.
JUSTICE DEPARTMENT STUDIES PROPOSED PACKERS' MERGER
IOWA BEEF TO BUILD NEW FACILITY
IBP'S FRANKL FORMS CONSULTING SERVICE

.....MAY 28 P. 7

.....JAN 08 P. 51
.....APR 30 P. 38
.....MAY 28 P. 33
.....AUG 06 P. 37
.....AUG 27 P. 13
.....SEP 10 P. 62

EARNINGS INCREASES .....JAN 08 P. 12
.....JAN 08 P. 60
.....JAN 15 P. 39
.....FEB 05 P. 8
.....MAR 12 P. 56
.....MAR 19 P. 12
.....APR 09 P. 12
.....APR 09 P. 61
.....APR 23 P. 8
.....MAY 07 P. 104
.....MAY 14 P. 25
.....MAY 28 P. 8
.....JUN 18 P. 40
.....JUN 25 P. 79
.....JUL 02 P. 1
.....JUL 02 P. 8
.....JUL 23 P. 8
.....AUG 06 P. 37
.....AUG 13 P. 1
.....AUG 13 P. 36
.....AUG 20 P. 6
.....AUG 20 P. 43
.....AUG 27 P. 40
.....SEP 03 P. 8
.....SEP 17 P. 6
CTION .....OCT 01 P. 9
BINESS .....OCT 22 P. 4
.....OCT 22 P. 30
.....NOV 26 P. 9
.....NOV 26 P. 55
.....DEC 10 P. 18
.....DEC 10 P. 30
.....DEC 24 P. 1
.....DEC 31 P. 37

.....JUN 04 P. 8

.....MAR 05 P. 46

.....JAN 29 P. 12
.....JUN 11 P. 15
.....DEC 31 P. 33

IOWA FALLS FARMERS COOPERATIVE
IOWA ELEVATORS TO BUILD MAJOR GRAIN TERMINAL

JARRELL GRAIN CO.
JARRELL TO HEAD GRAIN COMPANY

JAFCO PRODUCTS, INC.
JAFCO BUILDING LIQUID FEED PLANT IN PITTSFIELD, ILL.
JAFCO PRODUCTS TO BUILD THREE LIQUID PLANTS

JEWELL, J. D., INC.
J. D. JEWELL GIVEN OK TO SELL LAND

JOHN R. JIRDON INDUSTRIES, INC.
BLUE J FEEDS BEGINS FACILITIES EXPANSION

K & D FEEDS
NEW FEED STORE

KANE-MILLER CORP.
KANE-MILLER DIVIDEND
KANE-MILLER HAS LARGEST SALES VOLUME IN 52 YEAR HISTORY
KANE-MILLER CORP.'S BAYSHORE FOODS SHOWS RETURN TO PROFIT IN FI
KANE-MILLER CORP. FORECASTS RECORD '73 SALES, EARNINGS
KANE-MILLER UPS EARNINGS ESTIMATE
KANE-MILLER POSTS RECORD 1ST QUARTER
KANE-MILLER HAS RECORD QUARTER
FOOD FIRM HEAD VOICES OPTIMISM
KANE-MILLER REPORTS SALES, EARNINGS HIKES
KANE-MILLER UPS ESTIMATES OF EARNINGS, SALES
KANE-MILLER BUYS PACKING PLANT
KANE-MILLER HAS RECORD PERIODS

KANSAS SUN-CURED ALFALFA PRODUCTS ASSN., INC.
ALFALFA PROCESSORS IN KANSAS FORM GROUP

KEARNY FEED
FEED STORE LICENSED

KEMIN INDUSTRIES, INC.
KEMIN INDUSTRIES HOLDS DISTRICT SALES MEETINGS

KENT FEEDS, INC.
THE GIANT PUMPKIN
TOP MARKETING MAN
KENT PERSONNEL STUDY FINANCIAL MANAGEMENT
KENT SPONSORS CLINICS FOR PORK PRODUCERS
KENT ESTABLISHES NEW TERRITORY
KENT COMMERCIAL
DEALERS, SALESMEN ATTEND KENT SCHOOL
KENT FEEDS BUYS ILLINOIS SEED COMPANY
KENT SPONSORS AWARD BANQUETS
EXPERIMENT SHOWS REARING OF CATFISH IN IOWA POSSIBLE
KENT FEEDS HOLDS AWARDS BANQUETS
KENT FEEDS, TEWELES MAKE SEVERAL CHANGES
KENT HOSTS DIGNITARY
KENT SALESMEN'S ADVISORY GROUP MEETS

INDEX
73

.....MAY 28 P. 40

.....DEC 31 P. 33

.....MAR 26 P. 14
.....JUL 23 P. 42

.....JAN 08 P. 10

.....JUN 11 P. 8

.....SEP 10 P. 13

.....FEB 19 P. 50
.....MAR 12 P. 12
FISCAL 1972 .....APR 16 P. 8
.....APR 16 P. 8
.....APR 23 P. 8
.....MAY 14 P. 8
.....JUN 04 P. 8
.....JUN 25 P. 46
.....AUG 13 P. 8
.....AUG 20 P. 6
.....OCT 08 P. 31
.....NOV 12 P. 8

.....JUL 09 P. 38

.....APR 09 P. 28

.....MAR 05 P. 9

.....JAN 08 P. 54
.....FEB 19 P. 8
.....FEB 19 P. 15
.....FEB 19 P. 24
.....MAR 19 P. 1
.....APR 09 P. 12
.....APR 09 P. 60
.....APR 09 P. 60
.....APR 09 P. 61
.....MAY 07 P. 63
.....JUN 04 P. 40
.....JUN 11 P. 26
.....JUN 18 P. 4
.....JUL 16 P. 55

INDIANA FACILITY PLANNED BY KENT
KENT FEEDS COMPLETES WAREHOUSE ADDITION
KENT FEEDS EXPANDS RESEARCH FARM
KENT OFFERS PRODUCT GUARANTEE
LIQUID FEED BOOKLET
KENT VISITORS
KENT DEALERS ATTEND CLINICS

KENTUCKY FRIED CHICKEN
4-H SPONSORSHIP

KERR GRAIN CORP.
KERR GRAIN CORP. CHANGES HEADQUARTERS

KIMBER FARMS, INC.
KIMBER LEASES RESEARCH RANCH

KING FEED COMPANY
NEW GRAIN PROCESSING UNIT CREDITED WITH UPSWING IN RETAIL FEED

KOKUSAI FUTO, LTD.
JAPAN BUILDING BIG GRAIN STORAGE UNIT

KWICKIE FOOD STORES
KWICKIE FOODS OPEN CONVENIENCE STORES

LA FLEUR'S FEED CORRAL
NEW STATE LICENSE ISSUED

LA JARA FEEDLOT, INC.
COLORADO FEEDLOT IS CLOSED DOWN

LANDMARK, INC.
FEED ACCOUNTED FOR 30% OF LANDMARK DOLLAR VOLUME IN '72
LANDMARK, INC. BUILDING EGG PROCESSING PLANT

LAND O'LAKES, INC.
LAND O'LAKES DIVISION REALIGNED
BUTZ TO ADDRESS LAND O'LAKES MEETING
LAND O'LAKES HAS RECORD 1972 SALES
COMPANY PLANS NEW RESEARCH FARM
HENRY TO STEP DOWN AT LAND O'LAKES
HOFSTAD TO HEAD LAND O'LAKES

LANE BROILER FARMS, INC.
POULTRY FARM ENJOINED FROM DISCRIMINATION

LANGSTON BAG CO.
LANGSTON BAG TO MOVE

LIBERTY CENTER ELEVATOR ASSN.
OHIO BUILDING BURNS

LINCOLN GRAIN, INC.
LINCOLN COMMODITY ANNOUNCES CHANGES
GRAIN FIRM BUILDING SOYBEAN FACILITY
LINCOLN GRAIN BUILDS SOY PROCESSING PLANT
NEBRASKA ELEVATOR BURNS

T INDEX
973

.....AUG 13 P. 8
.....AUG 20 P. 34
.....SEP 03 P. 30
.....OCT 08 P. 32
.....OCT 22 P. 9
.....OCT 22 P. 32
.....NOV 12 P. 5

.....JAN 08 P. 38

.....JAN 15 P. 32

.....NOV 05 P. 7

EED BUSINESS .....JAN 22 P. 26

.....JUL 09 P. 38

.....JUL 16 P. 43

.....APR 16 P. 51

.....JUL 02 P. 5

.....APR 16 P. 8
.....DEC 03 P. 6

.....JAN 08 P. 12
.....JAN 22 P. 8
.....FEB 19 P. 1
.....AUG 06 P. 8
.....OCT 15 P. 2
.....NOV 19 P. 1

.....APR 16 P. 47

.....APR 16 P. 49

.....FEB 12 P. 39

.....APR 16 P. 53
.....AUG 13 P. 28
.....SEP 17 P. 51
.....NOV 26 P. 55

LITTLEFIELD FEEDERS, INC.
TEXAS FEEDLOT TO BE BUILT

LONGMONT TURKEY PROCESSORS, INC.
DEVELOPING NEW TURKEY PRODUCTS BUILDS SALES FOR COLORADO'S NO.

WALTER MCFARLAND CO.
ITALY GETS CALVES FROM WISCONSIN

MFA
MFA EXPECTS RECORD SALES, EARNINGS FOR YEAR

MFC SERVICES
REGIONAL CO-OP'S ANNIVERSARY

THE MCMILLAN CO.
ELEVATORS TO INSTALL DUST EQUIPMENT

MAAG & EASTERBROOKS, INC.
MOORE NAMED PRESIDENT OF MAAG & EASTERBROOKS
COMPANY DEVELOPS 'CELL-FREE' VIRUS MAREK'S VACCINE
BIOLOGICS FIRM FINED $4,500

MAC PROCESSING EQUIPMENT, INC.
MAC APPOINTS DEALER

MADISON'S BEST FEED
ESTELLINE STORE OPENS

MAINE INDUSTRIAL BUILDING AUTHORITY
MAINE PLANT AVAILABLE

MAN-AN-SO CORP.
IOWA FEED FIRM OFFERS COMMON STOCK

THE MANY FARMS HAY & FEED MARKETING COOPERATIVE
NAVAJO CO-OP SEEKS MORE HAY MONEY

MAPLE LEAF FARMS, INC.
TUCKER ELECTED TO HEAD MAPLE LEAF

MAPLEWOOD POULTRY CO.
POULTRY COMPANY AGREES NOT TO DISCRIMINATE

MARLOWE FEED & HATCHERY, INC.
MARLOWE FEED HITS 40 YEARS

MARTIN'S FEED MILLS, INC.
MARTIN'S FEED MILLS HAS RECORD SALES
MANAGEMENT, PRODUCTS, SERVICE SCORE FOR WISCONSIN FEED FIRM

MARVEL POULTRY CO.
POULTRY PROCESSOR TAGS TURKEYS
LUMBEE FARMS, MARVAL AGREEMENT ANNOUNCED FOR POULTRY MANAGEMEN

MASONITE CORPORATION
MASONITE APPOINTS AGRI COMMODITIES

T INDEX
973

.....DEC 03 P. 5

NO. 1 PRODUCER .....APR 09 P. 36

.....MAY 14 P. 5

.....SEP 17 P. 8

.....MAR 26 P. 39

.....AUG 06 P. 42

.....FEB 12 P. 42
.....MAY 14 P. 7
.....MAY 21 P. 54

.....FEB 05 P. 26

.....APR 30 P. 63

.....SEP 24 P. 42

.....JAN 15 P. 8

.....JUN 18 P. 52

.....FEB 12 P. 42

.....JUN 04 P. 7

.....DEC 03 P. 7

.....MAY 28 P. 8
.....AUG 06 P. 31

.....JUN 11 P. 52
MENT, MARKETING .....SEP 10 P. 66

.....JUL 09 P. 35

CONFERENCE ON PHENOLICS SET
TALKING IT OVER

MATERNAL ROBOT
FIRM MOVES

MEL'S FEED SERVICE
NEW FEED STORE OPENS

MERCK & CO., INC.
MERCK COMPLETES NEW WAREHOUSE
MERCK HOLDS MEETING FOR AG PRODUCT REPS
1972 MERCK FOUNDATION GRANTS TOTAL $39,700
MERCK UPS CONTRIBUTION

MERRIMACK FARMERS EXCHANGE, INC.
B. B. MINER, FORMER AD MANAGER, RETIRES

MIAMI FEED SUPPLY
NEW FEED STORE LICENSE

MIAMISBURG MILLS
MIAMISBURG, OHIO, FEED MILL BURNS

MICHIGAN FARM BUREAU SERVICES
MICHIGAN FARM BUREAU AGAIN WILL CONTRACT

MID-CONTINENT FARMERS COOPERATIVE
MID-CONTINENT REPORTS PERIOD OF RAPID GROWTH, BRIGHT FUTURE

MIDLAND CO.
MIDLAND SUBSIDIARY EXPANDS BARGE FLEET

MIDLAND COOPERATIVES, INC.
MIDLAND HAS SALES, EARNINGS RECORDS

MID-STATE FEED, INC.
WASHINGTON FIRM INCORPORATES

MIDWEST SOLVENTS CO., INC.
MIDWEST SOLVENTS AIDS FEED STUDY

MILLER PELLETING, INC.
FEED PELLETING FIRM

MILLER PUBLISHING COMPANY
CENTENNIAL YEAR BEING OBSERVED BY MILLER PUBLISHING
'COMMERCIAL FEEDER OF YEAR' NAMED
'FARMER-FEEDER OF YEAR' AWARD GOES TO KANSAN
MCCLUNG TO BE MILLER WASHINGTON EDITOR
MARTIN NEWELL, MANAGER OF MILLER'S KANSAS CITY OFFICE, TO RETI
MISSOURI HOG PRODUCER HONORED
MILLER PUBLISHING ANNOUNCES FEEDSTUFFS, K.C. OFFICE CHANGES
MILLER TO DISCONTINUE ONE PUBLICATION, ADD DAIRY HERD 'PLANNER
PUBLISHERS ELECT W. E. LINGREN
NORTHWESTERN MILLER CENTENNIAL ISSUE
LANDSMAN NEW FEEDSTUFFS REP
ANNIVERSARY OBSERVANCE

T INDEX
973

.....NOV 26 P. 8
.....DEC 24 P. 10

.....JUL 30 P. 39

.....MAY 07 P. 98

.....JAN 01 P. 14
.....JAN 08 P. 11
.....FEB 05 P. 38
.....APR 16 P. 7

.....OCT 01 P. 42

.....MAY 28 P. 46

.....JAN 08 P. 38

.....OCT 08 P. 7

.....NOV 26 P. 42

.....OCT 29 P. 21

.....MAR 26 P. 1

.....JAN 15 P. 30

.....JUL 30 P. 8

.....SEP 03 P. 39

.....JAN 01 P. 1
.....JAN 29 P. 24
.....FEB 12 P. 4
.....FEB 19 P. 2
ETIRE .....MAR 19 P. 2
.....MAR 19 P. 21
.....APR 09 P. 8
NER' .....APR 09 P. 8
.....MAY 07 P. 12
.....JUN 25 P. 2
.....JUL 02 P. 2
.....JUL 23 P. 2

FAREWELL ISSUE
MILLER PUBLISHING CO. MOVES NEW YORK OFFICE
NEW FEEDSTUFFS YEARBOOK ISSUE IS PUBLISHED
KOLLEEN SCHMIDT JOINS FEEDSTUFFS STAFF
FEEDSTUFFS YEARBOOK CHANGES
MILLER RESEARCH GROUP EXPANDS

MILWAUKEE ROAD
MILWAUKEE ROAD TO ADD COVERED HOPPER CARS

MINOT FEED CENTER
MINOT FEED STORE OPENS

MISSOURI BEEF PACKERS INC.
MISSOURI BEEF TO ACQUIRE FEEDLOT

MISSOURI PACIFIC RAILROAD
MISSOURI PACIFIC RAILROAD ORDERS 700 HOPPER CARS

3M CO.
DUN-RITE SOLD

MOEWS SEED CO., INC.
MOEWS SEED BUYS WAXY HYBRID SEEDCORN RIGHTS

MONFORT OF COLORADO, INC.
MONFORT BEGINS BUILDING FEEDLOT
LAMB GROWERS DEFENDED
WEATHER TRIMS MONFORT EARNINGS
MONFORT SAYS STEADY SUPPLY OF LAMBS NEEDED
RUMORS OF LARGE BEEF EXPORTS DENIED
BITTER WINTER CUTS MONFORT'S EARNINGS
MONFORT CITED FOR POLLUTION CONTROL
MONFORT REPORTS LOSS IN QUARTER
MONFORT TO ENTER TRUCKING BUSINESS
MONFORT SALES UP, EARNINGS OFF FOR YEAR

WALT MONTGOMERY & ASSOCIATES
GEORGE TENNEY JOINS WALT MONTGOMERY

MOORMAN MFG. CO.
MOORMAN SCHOLARSHIP
MINERAL BLOCK WITH WORMER INTRODUCED
QUINCY SOYBEAN EXPANDING SOY PROCESSING PLANT
MOORMAN MFG. BUYS FEEDLOT

MORRISONVILLE FARMERS CO-OP
NEW GRAIN LOADING TERMINAL BUILT

MORTON-NORWICH PRODUCTS, INC.
NORWICH MARKETING ZINC-METHIONINE
NORWICH MANAGERS ATTEND SHORT COURSE

MOUNTAIRE CROP.
CAMERON ELECTED MOUNTAIRE HEAD

MOWER LUMBER CO.
CONFINEMENT LOT OPENED IN SOUTH CAROLINA

INDEX
973

.....JUL 23 P. 8
.....SEP 03 P. 8
.....OCT 08 P. 2
.....OCT 29 P. 2
.....NOV 19 P. 30
.....DEC 31 P. 34

.....APR 02 P. 36

.....JUL 09 P. 31

.....JUN 04 P. 21

.....APR 02 P. 37

.....JUN 11 P. 52

.....FEB 26 P. 47

.....JAN 08 P. 9
.....JAN 15 P. 16
.....JAN 29 P. 12
.....FEB 19 P. 18
.....APR 09 P. 77
.....APR 16 P. 8
.....JUN 11 P. 8
.....JUL 23 P. 8
.....JUL 23 P. 19
.....NOV 26 P. 11

.....FEB 05 P. 8

.....APR 16 P. 5
.....MAY 07 P. 60
.....JUN 18 P. 5
.....NOV 19 P. 4

.....JUN 11 P. 32

.....APR 30 P. 6
.....JUN 25 P. 71

.....AUG 06 P. 7

.....OCT 22 P. 9

MULLIGAN SALES INC.
MULLIGAN PLANS NEW HEADQUARTERS

MURPHY PRODUCTS CO.
MURPHY ANNOUNCES SEVERAL FEED SALES EXECUTIVE MOVES
MURPHY PRODUCTS CO.'S PLANS FOR GOING NATIONAL
MURPHY PRODUCTS BUYS WISCONSIN DUCK COMPANY
MURPHY PRODUCTS CO. OFFERS SALES INCENTIVE
MURPHY PRODUCTS TO TRAIN DEALERS
MURPHY INITIATES NEW PACKAGING

MURPHY-RODGERS, INC.
NEW FIRM TO MANUFACTURE AIR POLLUTION CONTROL UNITS

NS MARKETING
DAIRY INGREDIENTS COMPANY OPENS

NAPP CHEMICALS, INC.
NEW JERSEY CHEMICAL FIRM CHANGES NAME

NATIONAL-AGRI SERVICES
NATIONAL FEEDS BUYS SWINE POOL

NATIONAL ALFALFA DEHYDRATING & MILLING CO.
NATIONAL ALFALFA POSTS PROFIT FOR NINE MONTHS
NATIONAL ALFALFA REPORTS IMPROVED EARNINGS, EXPANDED FARMING P
NATIONAL ALFALFA EXPECTS LOSS
NATIONAL ALFALFA REPORTS LOSS FOR FIRST SIX MONTHS

NATIONAL BY-PRODUCTS, INC.
IOWA BYPRODUCTS FIRM PURCHASES ST. LOUIS COMPANY
NATIONAL BY-PRODUCTS UPS NET EARNINGS
BYPRODUCTS FIRM REPORTS HIGHER SALES, EARNINGS

NATIONAL DEHYDRATING & MILLING CO.
DEHY, PELLETING FIRMS TO MERGE

NATIONAL EGG CO.
PRESENTATION

NATIONAL FLOUR MILLS LTD.
FLOUR MILL FACILITY PLANNED IN TRINIDAD

NATIONAL MOLASSES CO.
MOL-MIX HOLDS REGIONAL MEETINGS
FEED MEN ATTEND MOL-MIX MEETING
MOL-MIX HOLDS NATIONAL MEETING

NATIONAL-NORTHWOOD CO.
NATIONAL-NORTHWOOD BUILDS WAREHOUSE

NATIONAL OATS CO.
ROSE IS NEW CORNO FEED DIVISION HEAD
CORNO FEED SELLS PLANTS TO NUTRENA

NEALY FEED & SUPPLY
ARIZONA STORE LICENSED

T INDEX
973

.....AUG 06 P. 38

.....FEB 26 P. 8
.....MAY 07 P. 56
.....JUL 16 P. 8
.....AUG 13 P. 34
.....AUG 20 P. 49
.....SEP 03 P. 8

.....MAR 12 P. 36

.....SEP 17 P. 25

.....APR 30 P. 43

.....JAN 08 P. 9

.....MAR 26 P. 8
G PLANS .....JUL 09 P. 8
.....OCT 22 P. 8
.....DEC 31 P. 34

.....FEB 26 P. 69
.....MAY 14 P. 8
.....AUG 13 P. 8

.....JUN 11 P. 42

.....NOV 05 P. 23

.....JUN 11 P. 45

.....MAY 28 P. 36
.....JUN 04 P. 21
.....OCT 22 P. 38

.....MAY 21 P. 72

.....MAR 05 P. 8
.....AUG 06 P. 54

.....JAN 15 P. 39

NEEDHAM PACKING CO., INC.
NEEDHAM BUYS LAND FOR BYPRODUCTS PLANT
NEEDHAM HIKES QUARTER EARNINGS
NEEDHAM TO BUILD BEEF FABRICATING FACILITY
NEEDHAM EXPECTS 14% JUMP IN NET
NEEDHAM DIVIDEND
NEEDHAM REVISES ANNUAL RESULTS

T. D. NEELY & SON
BANKRUPTCY HEARING SET FOR PULLET FIRM

NEW AUBURN FEED MILL
FIRE DESTROYS MINNESOTA FEED MILL

NEW RIVER FEED
FEED FIRM LICENSED

NEW CENTURY AGRICULTURE, INC.
NEW FEED STORE

NICHOLAS TURKEY BREEDING FARMS, INC.
NEW TURKEY LINE

NORBEST, INC.
NORBEST RE-ELECTS TALLMAN, OTHERS

NORBEST TURKEY GROWERS ASSN.
TWO TURKEY PROCESSING PLANTS JOIN NORBEST
NORBEST TURKEY ANNUAL SALES SHOW INCREASE

NORDEN LABORATORIES
NEW CALF SCOURS VACCINE INTRODUCED

NORTH CAROLINA GRANITE CORP.
SEALING A DEAL

NORTHERN SUN PRODUCTS CO.
NEW MINNESOTA FIRM TO PROCESS SUNFLOWER SEEDS

NORWICH AGRICULTURAL PRODUCTS, INC.
NORWICH MANAGERS ATTEND ADVANCED AG SEMINAR

OCEAN LABS, INC.
OCEAN LABS DISTRIBUTOR

OLSON FARMS, INC.
OLSON FARMS HAS SALES INCREASE
OLSON FARMS POSTS SALES, NET GAINS IN PERIOD

PCA INTERNATIONAL, INC.
FOOD MARKETING COMPANY ANNOUNCED

P-T POULTRY GROWERS, INC.
TEXAS POULTRY FIRM OFFERS ITS GROWERS INCENTIVE CONTEST

P.V.C. FEEDS
KANSAS LIQUID FEED FIRM EXPANDS THROUGH STREAMLINING

.....FEB 05 P. 25
.....FEB 26 P. 69
.....MAR 05 P. 35
.....MAR 26 P. 14
.....APR 16 P. 6
.....JUL 16 P. 39

.....DEC 03 P. 6

.....MAY 14 P. 2

.....MAR 05 P. 35

.....AUG 20 P. 49

.....APR 09 P. 62

.....SEP 24 P. 23

.....APR 16 P. 18
.....SEP 10 P. 8

.....MAR 19 P. 6

.....JAN 29 P. 60

.....NOV 26 P. 32

.....JAN 15 P. 26

.....JAN 08 P. 54

.....JUN 18 P. 6
.....DEC 31 P. 4

.....OCT 01 P. 54

.....MAR 26 P. 19

.....JAN 15 P. 5

PACIFIC MOLASSES CO.
FEED DEPARTMENT OF BERGER & PLATE MOVES

PACO FEED YARD, INC.
FIRE DESTROYS RATION FILLER AT TEXAS LOT

PARIS MILLING CO.
NEW ADVERTISING THRUST
PARIS MILLING PROMOTING 'SPECIAL X' BRAND FEED

PAWNEE CORP.
PAWNEE INCREASES OPERATING INCOME
PAWNEE REPORTS NINE MONTH SALES, EARNINGS INCREASES
PAWNEE DIVISION WITH SAD PAST LOOKS TOWARD BRIGHTER FUTURE
PAWNEE OPERATING EARNINGS UP 59%
PAWNEE SELLS COYOTE DIVISION

PEAVEY CO.
PEAVEY OFFERS SHARES OF STOCK IN FIRST PUBLIC SALE
PEAVEY OPENING COMMODITIES OFFICE
PEAVEY'S 'ONE-STOP SHOP' IN MONTANA REPRESENTS NEW CONCEPT IN
PEAVEY PLANS AG CENTER IN SO. DAK.
PEAVEY KICKER AWARDS
PEAVEY UPS SALES, PROFITS IN QUARTER
NEW PEAVEY CENTER
PEAVEY TO MOVE INTO NEW HEADQUARTERS
PEAVEY DIVIDEND
PEAVEY ORDERED TO REDUCE PRICES
PEAVEY INCOME UP 42% DESPITE CLC REFUND PROVISION
CLC OKAYS PEAVEY REFUND PROPOSAL
PEAVEY TO BUY BUILDING SUPPLY FIRM
PEAVEY TO CLOSE DALLAS FLOUR MILL
PEAVEY COMPLETES WISCONSIN ACQUISITION
FIRE DAMAGES ELEVATOR
PEAVEY REPORTS RECORD SALES, NET
PEAVEY EARNINGS INCREASE BY 79%

PECOS VALLEY FEEDYARDS
PECOS VALLEY FEEDYARDS BOUGHT

PEERLESS FEEDS
PLANS REVEALED FOR FEED MILL, POULTRY PLANTS

PEET'S FEEDS, INC.
EDWIN A. THOMPSON JOINS PEET'S FEEDS
PEET'S FEEDS REPORTS RECORD FOR FIRST HALF
PEET'S FEEDS SALES, NET UP

PEEL'S POULTRY FARM LTD.
PEEL'S POULTRY FARM LTD. SOLD; EXPANSION PLANNED

A. & B. PELLETING, INC.
FIRM INCORPORATES

PENN CENTRAL RAILROAD
PENN CENTRAL GRANTED WAIVER ON POOR TRACK

PENNFIELD CORP.

.....APR 23 P. 8

.....FEB 05 P. 81

.....OCT 01 P. 1
.....OCT 01 P. 42

.....JAN 08 P. 60
.....APR 09 P. 12
.....JUL 09 P. 8
.....JUL 23 P. 8
.....SEP 24 P. 8

.....JAN 22 P. 7
.....JAN 29 P. 58
N FARM RETAILING .....FEB 12 P. 28
.....FEB 19 P. 8
.....FEB 26 P. 55
.....MAR 12 P. 12
.....MAR 12 P. 53
.....MAR 26 P. 34
.....MAR 26 P. 48
.....MAY 14 P. 6
.....MAY 28 P. 2
.....JUN 04 P. 8
.....JUN 11 P. 27
.....JUN 25 P. 7
.....AUG 20 P. 46
.....SEP 03 P. 34
.....SEP 17 P. 1
.....DEC 17 P. 8

.....APR 09 P. 8

.....AUG 20 P. 7

.....FEB 26 P. 73
.....MAY 14 P. 8
.....DEC 24 P. 7

.....MAY 07 P. 36

.....DEC 10 P. 53

.....OCT 22 P. 48

PENNFIELD HAS NEW SWINE FEEDING PROGRAM
PENNFIELD UNIT CONDUCTS SEMINAR
PENN STATE STUDIES PENNFIELD OPERATIONS

PENOKEE FARMER'S UNION CO-OP
BOGUE ELEVATOR SOLD

PERDUE, INC.
PERDUE NAMES FOUR VICE PRESIDENTS
PERDUE EMPLOYEES REJECT UNION

PERDUE, A. W., & SONS
BEST TRADE AD CAMPAIGN

PERFORMANCE SYSTEMS, INC.
FRANCHISE FIRM'S LAWSUIT SETTLED

PETERSON INDUSTRIES
MEXICAN FIRM TO DISTRIBUTE PETERSON BREEDING STOCK

PFIZER, INC.
SERVICE AWARDS
PFIZER TO AID 18 U.S. VETERINARY STUDENTS
PFIZER MEETING TO REVIEW RESEARCH
H & N ANNOUNCES EXPANSIONS OF SEVERAL OPERATIONS
HENDRICKSON ELECTED PFIZER VICE PRESIDENT
PFIZER ANIMAL HEALTH PRODUCTS SALES INCREASE
FOREIGN AFFAIRS EXPERT TO ADDRESS PFIZER MEET
PYRANTEL TARTRATE PIG WORMING RESULTS REPORTED BY PFIZER
PFIZER CLARIFIES FDA HOG WORMER REVISION
PFIZER BUYS SITE FOR DISTRIBUTION CENTER
PFIZER TO MARKET SWINE WORMER
NEW HATCHERY
PFIZER AGREES TO BUY SEED FIRM
PFIZER AWARD
POULTRY AWARD
PFIZER CONCLUDES TROJAN PURCHASE
PFIZER-TROJAN PACT

PILLSBURY CO.
PILLSBURY SECOND QUARTER, SIX MONTH EARNINGS, SALES UP
PILLSBURY NAMES PRESIDENT, CHAIRMAN
PILLSBURY HEAD PREDICTS RECORD SALES, EARNINGS
PILLSBURY TO SELL POULTRY OPERATION
PILLSBURY ANNOUNCES HIGHER EARNINGS, SALES, MOVEMENT INTO WHEA
PILLSBURY REPORTS RECORD SALES, OPERATING INCOME FOR FISCAL 19
PILLSBURY BROILER OPERATIONS CALLED 'HEALTHY BUSINESS'
GRAIN, FEED INGREDIENTS, FRESH POULTRY DOING WELL
PILLSBURY EXPECTS SUBSTANTIAL RISE IN QUARTER; GRAIN, BROILERS
PILLSBURY TO BUY WILTON ENTERPRISES
PILLSBURY HAS RECORD SIX-MONTH EARNINGS, SALES
PILLSBURY BUYS COOK ELEVATOR

PIONEER GRAIN CO.
CANADIAN FIRM SELLS 25 ELEVATORS TO PIONEER GRAIN

PIONEER HI-BRED, INC.
PIONEER EXECUTIVE TO HEAD CATTLE SUBSIDIARY

T INDEX
973

.....APR 16 P. 4
.....AUG 20 P. 6
.....NOV 05 P. 22

.....JUN 25 P. 73

.....MAR 19 P. 9
.....JUL 23 P. 6

.....FEB 05 P. 20

.....JAN 22 P. 8

.....APR 02 P. 18

.....JAN 08 P. 8
.....FEB 26 P. 55
.....APR 09 P. 9
.....APR 09 P. 10
.....APR 16 P. 4
.....APR 16 P. 50
.....APR 23 P. 8
.....MAY 14 P. 2
.....MAY 21 P. 64
.....JUN 11 P. 46
.....JUN 25 P. 4
.....JUL 02 P. 17
.....JUL 16 P. 8
.....AUG 20 P. 21
.....SEP 03 P. 7
.....SEP 17 P. 47
.....SEP 24 P. 19

.....JAN 08 P. 12
.....JAN 15 P. 8
.....FEB 12 P. 8
.....MAR 12 P. 10
HEAT GLUTEN PRODUCTION .....MAR 26 P. 8
1973 .....JUL 02 P. 8
.....JUL 30 P. 7
.....AUG 20 P. 8
ERS HELP .....SEP 17 P. 8
.....SEP 24 P. 23
.....DEC 24 P. 7
.....DEC 24 P. 7

.....JAN 15 P. 38

.....APR 23 P. 38

PIONEER HI-BRED OFFERS STOCK
PIONEER BUYS PETERSON

PLAINS GRAIN CO.
PLAINS GRAIN BUYS MUELLER GRAIN CO.

PLEASANT VALLEY FEED & EQUIPMENT
FEED STORE OPENED

PORTALES VALLEY MILLS
NEW MEXICO MILL MODERNIZES PEANUT PROCESSING PLANT

POULTRY PRODUCERS ASSN.
POULTRY PRODUCERS ASSN. REPORTS 42% SALES HIKE
NEW DIRECTORS

POVERTY GULCH FEED & SADDLERY
NEW FEED STORE

PRAIRIE FEED & GRAIN CO.
DEALER'S PROJECTS ENCOURAGE INDEPENDENT EGG, HOG PRODUCERS

PREMIER CORP.
PREMIER CORP. BUYS FEEDLOT

PROCHEMCO, INC.
PROCHEMCO NAMES NEW PRESIDENT
PROCHEMCO NET UP FOR 9 MONTHS

PRO-MARK, INC.
EQUIPMENT FIRM OFFERS FEEDS

PROCTER & GAMBLE
PROCTER & GAMBLE PLANT ANNOUNCED

PRODUCERS COTTON OIL CO.
COTTONSEED PLANT IN CALIFORNIA REACTIVATED

PRODUCERS FEED CO.
CATFISH GROWERS PLAN FEED PLANT

PRODUCERS GRAIN CORP.
PRODUCERS GRAIN UNDERRATES BEEF SHIPPING COSTS
PGC SAID LARGEST GRAIN SORGHUM EXPORTER

PRODUCERS PRIDE
PRODUCERS PRIDE BEGINS PROCESSING PLANT ADDITION

PROTEIN PROCESSORS, INC.
ALFALFA DEHY PLANT BEING BUILT IN TEXAS

PURITY CORP.
NEW AIR POLLUTION CONCEPT REVEALED

THE QUAKER OATS CO.
QUAKER OATS HAS RECORD SALES, NET
QUAKER OATS HAS RECORD SALES, NET
DOG FOOD SALES GAINS HELPED QUAKER OATS

.....SEP 24 P. 8
.....DEC 03 P. 8

.....MAY 14 P. 23

.....JUL 23 P. 12

.....FEB 05 P. 68

.....NOV 19 P. 6
.....DEC 10 P. 7

.....MAY 07 P. 110

.....JUN 11 P. 26

.....JAN 15 P. 14

.....SEP 24 P. 8
.....NOV 05 P. 19

.....AUG 13 P. 8

.....AUG 13 P. 30

.....MAR 26 P. 36

.....JUL 23 P. 8

.....JAN 08 P. 53
.....MAR 19 P. 19

.....APR 09 P. 34

.....OCT 15 P. 63

.....MAY 28 P. 32

.....MAR 05 P. 48
.....JUN 04 P. 40
.....OCT 01 P. 9

QUALI-TECH PRODUCTS, INC.
QUALI-TECH TO BUILD FACILITIES

QUALITY CONTROL EQUIPMENT CO.
BAG EQUIPMENT LINE SOLD

QUALITY FEEDS
FEED STORE LICENSED

QUALITY POULTRY AND EGG CO., INC.
QUALITY POULTRY BUILDS NEW ARKANSAS PLANT
ADDING PLANT SPACE

QUALITY PRODUCTS CO.
NEW COMPANY TO SERVE FEED INDUSTRY

RACHELLE LABORATORIES, INC.
FIRMS SIGN PREMIX PACT
ANIMAL HEALTH CONTRACT
RACHELLE SIGNS PACTS WITH ASIAN DISTRIBUTORS
RACHELLE LAUNCHES PREMIUM PROGRAM

RALSTON PURINA CO.
PURINA POSTS RECORD QUARTER
PURINA DIVIDEND INCREASE ANNOUNCED
PURINA TO AWARD 69 AG COLLEGE SCHOLARSHIPS
PURINA BEGINS FIRST OF SALES SCHOOLS
RALSTON PURINA NEGOTIATING SALE OF 25-YEAR NOTES
PURINA OPENS WHEY PRODUCTS PLANT IN WESTERN WISCONSIN
PURINA'S FIRST-HALF EARNINGS, SALES BOTH SET RECORDS
PURINA NAMES JONES AS REGIONAL VICE PRESIDENT
PURINA CLOSES PLACEMENT OF $100 MILLION IN NOTES
PURINA NAMES SIX FELLOWSHIP WINNERS
CHARLES STEINHAUER, PURINA RETIREE, DIES
OPIC PAYS PURINA FOR CHILE LOSSES
PURINA TO REDEEM PREFERRED STOCK
VAN CAMP PLANS SAN DIEGO SEAFOOD PLANT
RESEARCH WORK RECOGNIZED
PURINA POSTS RECORD NINE MONTHS' FIGURES
PURINA RESUMES MISSOURI RESEARCH FARM TOURS
PURINA INTRODUCES NEW BEEF CATTLE FEED LINE
VOTE ON PURINA PLANT EXPANSION
PURINA BEGINS PET FOOD PLANT
PURINA AWARD
TEACHING AWARD
CORNELSEN HEADS OVER-ALL PURINA CHOW DIVISION
PURINA DIVIDEND
PURINA IN JOINT VENTURE TO MAKE PROTEIN PRODUCT
PURINA REPORTS RECORD SALES, EARNINGS FOR YEAR
PURINA CLARIFIES INVOLVEMENT IN PROPOSED HOG UNIT
PURINA PROMOTES H.S. MEREDITH
PURINA RENEWS FELLOWSHIP PROGRAM
PURINA PLANS RECORD CAPITAL EXPENDITURES IN FISCAL 1974

RANCHWAY FEED MILL
FIRE CAUSES DAMAGE TO RANCHWAY FEED MILL

RATH FEEDS

.....NOV 05 P. 8

.....APR 09 P. 60

.....MAY 28 P. 38

.....JUL 23 P. 42
.....SEP 10 P. 66

.....JUN 25 P. 72

.....JAN 08 P. 12
.....JAN 08 P. 62
.....FEB 26 P. 56
.....NOV 26 P. 8

.....JAN 22 P. 1
.....JAN 29 P. 61
.....FEB 05 P. 53
.....FEB 12 P. 42
.....APR 09 P. 12
.....APR 23 P. 8
.....APR 23 P. 8
.....MAY 07 P. 6
.....MAY 07 P. 72
.....MAY 07 P. 80
.....MAY 21 P. 8
.....MAY 21 P. 42
.....JUN 04 P. 6
.....JUN 11 P. 51
.....JUN 18 P. 7
.....JUL 23 P. 1
.....JUL 23 P. 30
.....AUG 06 P. 4
.....AUG 06 P. 6
.....AUG 06 P. 53
.....AUG 20 P. 19
.....SEP 03 P. 34
.....SEP 10 P. 1
.....OCT 08 P. 40
.....OCT 22 P. 32
.....NOV 12 P. 1
.....NOV 26 P. 6
.....NOV 26 P. 8
.....DEC 10 P. 32
.....DEC 17 P. 8

.....FEB 26 P. 52

RATH INTRODUCES NEW HOG FEED LINE

RATH PACKING CO.
HOGS, POULTRY TO ACCOUNT FOR BIG HIKES IN MEAT SUPPLIES IN 70S

LOUIS RICH FOODS, INC.
JAPANESE FIRM BUYING RICH TURKEYS
RICH FOODS TO BUY PROCESSING FACILITY

RIDGWAY HATCHERIES, INC.
HATCHERY HIT BY FIRE

RIO FARMERS UNION COOPERATIVE
EXPANSION FROM ONE TO THREE MILLS INCREASES SERVICES OFFERED B

RISSER-MARTIN INC.
CHANGE OF NAME FOR RISSER-MARTIN, INC.

RITCHIE MFG. CO.
NEW RITCHIE DISTRIBUTOR

RITE-CARE CORN
RITE-CARE TO ACQUIRE BURGESS POULTRY MARKET, INC.
RITE-CARE SELLS FEED MILL, TWO POULTRY FARMS

RITE-CARE POULTRY CO.
RITE-CARE CLOSES PROCESSING PLANT

RITEMIX MILLING CO.
RITEMIX MILLING PLANS EXPANSION
RITEMIX SELLS ONE MILL TO GENERAL MANAGER

CHARLES RITTER, INC.
PHILADELPHIA POULTRY FIRM TO BUILD LARGER PLANT

ROCCO FEEDS
ROCCO FEEDS: CENTRALIZATION OF FEED MILLING, HATCHERIES PAYS

ROCKINGHAM POULTRY MARKETING COOPERATIVE
SHOWKER RE-ELECTED HEAD OF VIRGINIA POULTRY CO-OP

ROGERS FEED, HARDWARE & COOPERATIVE OF CHANDLER
ROGERS FEED ISSUED LICENSE

ROHM & HAAS CO.
ROHN & HAAS SALES INCREASE

RON-SA-DEL, INC.
NEW FEED STORE

ROSE-A-LINDA TURKEY BREEDING FARMS & HATCHERY
ROSE-A-LINDA BUYS ALPINE FIRM

RYSTAD ENTERPRISES
IOWA FIRM BUYS STORAGE FACILITIES

SALSBURY LABORATORIES
SALSBURY LABS, SEA-BORN CORP. JOIN IN VENTURE

INDEX
973

.....FEB 26 P. 18

70S, PACKER SAYS .....MAY 14 P. 24

.....JUL 16 P. 39
.....NOV 05 P. 8

.....MAY 21 P. 63

BY RIO .....MAY 14 P. 29

.....JUN 25 P. 70

.....FEB 05 P. 66

.....JAN 15 P. 7
.....APR 02 P. 2

.....DEC 17 P. 7

.....MAY 21 P. 71
.....JUL 09 P. 1

.....JAN 08 P. 54

'S OFF FOR POULTRY INTEGRATOR .....JAN 08 P. 34

.....APR 09 P. 46

.....FEB 19 P. 45

.....JUN 18 P. 52

.....APR 30 P. 22

.....JAN 01 P. 4

.....OCT 08 P. 12

.....FEB 19 P. 8

EXPORT AWARD
SALSBURY LABS TO INCREASE VACCINE PRODUCTION CAPACITY
SALSBURY LABS BUYS IOWA TRUCKING FIRM

SAN DIEGO CO-OPERATIVE POULTRY ASSN.
SAN DIEGO POULTRY CO-OP LISTS MARGINS

SANTA FE RAILWAY
SANTA FE RAILWAY ANNOUNCES PLANS TO BUY 1,000 HOPPERS

SCHLUETER CO.
SPEED-KING MOVES

SCOTT EXPORT CORP.
EXPORT COMPANY ADDS NEW POULTRY DIVISION

SEECO INC.
SEECO EXPANDS

SENTINEL INDUSTRIES, INC.
SENTINEL INDUSTRIES BUILDS PLANT, WAREHOUSE FACILITY

SEYMOUR FOODS, INC.
EXPORTING AWARD

SHAVER POULTRY BREEDING FARMS
NEW SHAVER DISTRIBUTOR
SHAVER REORGANIZES EUROPEAN OPERATIONS

SHAWMUT ASSN., INC.
HOLDING FIRMS FORM AG FINANCE VENTURE

SHELL CHEMICAL CO.
SHELL SALES MEETING

DEAF SMITH FEEDYARDS
DEAF SMITH BUYS FEEDLOT

A. O. SMITH HARVESTORE PRODUCTS, INC.
HARVESTORE TO BUILD DEKALB, ILL., PLANT

SOUTH END GRAIN CO.
NEW HAMPSHIRE MILL DESTROYED BY FIRE

SOUTHEASTERN POULTRY EQUIPMENT CO.
STARGEL TO HEAD NEW POULTRY SUPPLY COMPANY

SOUTHERN INDUSTRIES CORP.
SOUTHERN INDUSTRIES DIVIDEND

SOUTHERN STATES COOPERATIVE
SOUTHERN STATES CO-OP PICKS FELAND
SSC REPORTS THIRD QUARTER GAINS IN VOLUME, NET
SOUTHERN STATES CO-OP REPORTS 18% SALES GAIN
SOUTHERN STATES CO-OP REPORTS RECORD YEAR, PLANS FOR TWO NEW M

SPEED KING MANUFACTURING CO.
SPEED KING TO BUILD NEW PLANT IN OKLAHOMA

T INDEX
973

.....APR 09 P. 34
.....MAY 14 P. 26
.....JUL 09 P. 7

.....JAN 08 P. 64

.....FEB 26 P. 58

.....APR 30 P. 67

.....AUG 06 P. 24

.....JUL 30 P. 42

.....JAN 15 P. 4

.....AUG 06 P. 25

.....JAN 01 P. 23
.....AUG 13 P. 8

.....OCT 01 P. 52

.....FEB 26 P. 58

.....NOV 19 P. 16

.....JUL 30 P. 40

.....JAN 15 P. 32

.....JAN 15 P. 29

.....JAN 08 P. 13

.....MAY 07 P. 16
.....MAY 21 P. 8
.....NOV 05 P. 8
W MILLS .....NOV 19 P. 1

.....APR 30 P. 8

SPENCER ELEVATOR, INC.
BUYS MINNESOTA ELEVATOR

SPRINGDALE FARMS, INC.
WITH EGG PRODUCTION STABILIZING, PRODUCER EYES DIVERSIFICATION

SQUEALER FEED COMPANY
SQUEALER OPEN HOUSE

A. E. STALEY MFG. CO.
STALEY'S AGRIPRODUCTS GROUP SALES DOWN, PROFITS UP IN 1972
STALEY SALES CLIMB, EARNINGS DECLINE
A. E. STALEY REPORTS SALES, EARNINGS RISE
STALEY EARNINGS UP FOR QUARTER
STALEY DIVIDEND
STALEY REPORTS RECORD SALES FOR THE YEAR
STALEY ANNOUNCES EXPANSION OF SOY PROCESSING PLANT

STARCRAFT
STARCRAFT OPENS NEW IOWA EQUIPMENT PLANT

STARCRAFT AGRI-PRODUCTS DIVISION
STARCRAFT BUILDING NEW PLANT IN MISSISSIPPI
STARCRAFT TO HOLD LIVESTOCK SEMINAR
STARCRAFT SPONSORS OPEN HOUSE/SEMINAR

STAR FEEDLOT
TEXAS FEEDLOT BEING BUILT

STRATFORD OF TEXAS, INC.
STRATFORD OF TEXAS FORMS PARTNERSHIP
STRATFORD BUYS BROILER OPERATION
STRATFORD OF TEXAS REPORTS NEW RECORDS IN SALES, EARNINGS; AG
STRATFORD REPORTS INCREASED EARNINGS
POULTRY, FEEDLOTS AID STRATFORD SALES, EARNINGS
STRATFORD HAS RECORD EARNINGS
STRATFORD FORMS CATTLE SUBSIDIARY

SUN CITY INDUSTRIES, INC.
SUN CITY ENTERPRISES FORMS NEW DIVISION
SUN CITY REPORTS SECOND HIGHEST NEW INCOME DESPITE ON-FARM LOS
SUN CITY SETS QUARTER RECORDS
SUN CITY ENTERS DRUG DETECTION FIELD
SUN CITY SEEKING LIMITED PARTNERSHIPS

SUNNY SIDE FARMS, INC.
FIRE DESTROYS 60,000 LAYERS

SUNSET FEED & GRAIN CO.
SUNSET FEED & GRAIN CHANGES ADDRESS

SWEATMORE FEEDS
NEW FEED STORE

SWEET MANUFACTURING CO.
SWEET OPENS NEBRASKA DISTRIBUTION CENTER

SWIFT & CO.

.....AUG 27 P. 13

ON .....JUL 09 P. 30

.....SEP 17 P. 4

.....JAN 15 P. 8
.....JAN 22 P. 8
.....APR 30 P. 66
.....JUL 30 P. 8
.....AUG 27 P. 8
.....NOV 12 P. 8
.....DEC 10 P. 47

.....AUG 06 P. 48

.....APR 23 P. 13
.....SEP 24 P. 52
.....NOV 19 P. 30

.....JUL 23 P. 4

.....JAN 15 P. 30
.....FEB 05 P. 8
AG DIVISIONS PROFITABLE .....FEB 26 P. 54
.....APR 23 P. 10
.....JUL 09 P. 8
.....OCT 29 P. 8
.....DEC 03 P. 5

.....JAN 29 P. 10
LOSSES .....MAY 28 P. 6
.....AUG 20 P. 6
.....AUG 20 P. 22
.....SEP 10 P. 78

.....MAY 28 P. 7

.....DEC 17 P. 8

.....OCT 01 P. 68

.....JUL 23 P. 32

SWIFT MILL OPENS IN BROWNWOOD, TEXAS
SWIFT'S FOOD PROCESSING FIRMS ASSIST PROFITS
SWIFT REPORTS GAINS IN SALES, EARNINGS; PLANS TO REORGANIZE
SWIFT MOVES TO REORGANIZE UNDER ESMARK STRUCTURE
SWIFT & CO. NAMES THREE NEW DIVISION PRESIDENTS
CANADIAN FEED MEN TOUR SWIFT FACILITIES

SWIFT CANADIAN CO., LTD.
SWIFT CANADIAN FEED MEET TO PREVIEW 1974

SWINE MANAGEMENT CONSULTING
HOG CONSULTING FIRM MOVES TO CHICAGO

SYNTEX CORP.
SYNTEX PLANS PURCHASE

TALBOT-CARLSON, INC.
TALBOT-CARLSON BUYS EMMERT MANUFACTURING

TATUM FARMS
TATUM FARMS REPORTS GROWTH

TAYLORMADE FEEDS
NEW MEXICO FEED FIRM'S ELEVATOR DAMAGED BY FIRE

TECHNICAL & ECONOMIC SERVICES, INC.
WORLD PROTEIN STUDY STARTED

TEKFORT
FRENCH PROMOTE NATURAL HORMONES

TENENT & ASSOCIATES LABORATORY
ANALYSES LABORATORY FORMED IN MEMPHIS

TERRA CHEMICALS INTERNATIONAL, INC.
TERRA TO EXPAND UREA FACILITIES

TEXAS FARM PRODUCTS CO.
WRIGHT NOMINATED FOR BUSINESS AWARD

THOEN BROS. ELEVATOR
FEED MILL BURNS

THOMAS COUNTY FEEDLOT, INC.
NEW KANSAS FEEDLOT PLANNED

THOMAS NUTRITION CENTER, INC.
NUTRITION, FEED FIRM ANNOUNCED

THOMPSON-HAYWARD CHEMICAL CO.
THOMPSON-HAYWARD ANNOUNCES PRICE CHANGES
THOMPSON-HAYWARD PARENT FIRM CHANGES

TICE FEED & GRAIN
LINING UP FEEDER PIG SUPPLIES BOOSTS DEALERS' HOG FEED TONNAGE

LEO TIMMERMAN AND SONS
FEEDLOT PLANNED FOR MCCOOK, NEB.

T INDEX
973

.....FEB 26 P. 8
.....MAR 05 P. 20
.....MAR 12 P. 48
.....APR 09 P. 12
.....APR 23 P. 13
.....JUL 30 P. 8

.....SEP 24 P. 47

.....AUG 06 P. 12

.....APR 30 P. 65

.....JUN 18 P. 38

.....NOV 19 P. 8

.....JAN 15 P. 31

.....AUG 06 P. 44

.....JUN 18 P. 36

.....FEB 12 P. 8

.....FEB 12 P. 37

.....DEC 10 P. 6

.....DEC 10 P. 40

.....SEP 17 P. 4

.....DEC 10 P. 39

.....MAR 05 P. 52
.....NOV 19 P. 38

GE .....SEP 03 P. 32

.....JUL 02 P. 4

TIMMONS & CO.
NEW AMARILLO FIRM
TIMMONS MOVES TO NEW BUILDING

TINDLE MILLS, INC.
TINDLE MILLS BUYS TRI-COUNTY FEED MILLS
WORK PROGRESSING ON MISSOURI FEED MILL

TODD SALES CO.
TODD SALES COMPANY FORMED IN IOWA
TODD ADDS PRODUCTS, CHANGES ADDRESS

TRI ASSOCIATES, INC.
DISTRIBUTOR NAMED

TRIPLE "F" FEEDS
ARIZONA FIRM GETS GOLDEN PRO FRANCHISE
TRIPLE "F" HOLDS FOUR SWINE CONFERENCES
TRIPLE "F" OFFERS FEEDING PROGRAM COMPUTER SERVICE
TRIPLE 'F' EXEC HAPPY WITH SALES OF GOLDEN PRO
NEW PRODUCT BOOSTS TRIPLE "F" SALES
TRIPLE "F" SETS SALES RECORD
TRIPLE "F" HOLDS FARM TOURS

TULIA FEEDLOT, INC.
TULIA FEEDLOT UPS CAPACITY BY 6,000
FEEDLOT MILL FIRE INJURES TWO MEN

TWIN BROOKS ALFALFA MILL, INC.
ALFALFA PELLETING MILL OPENS IN SOUTH DAKOTA
NEW ALFALFA MILL TO HOLD OPEN HOUSE

TYSONS FOODS, INC.
TYSON CITES OCOMA PURCHASE AS MOST IMPORTANT ACQUISITION
TYSON POSTS HIGHER SALES, NET EARNINGS
NEW TYSON SYMBOL
TYSON LEASES PARSON'S HATCHERY
ARKANSAS POULTRY COMPANIES MERGE
TYSON EARNINGS COULD EXCEED $4
TYSON FOODS HAS RECORD SALES, INCOME

UNION CARBIDE CORP.
LIQUID HYDROGEN FACILITY

UNION PACIFIC RAILROAD
UNION PACIFIC TO BUY NEW EQUIPMENT
UNION PACIFIC UPS HOPPER PURCHASES

UNITED COOPERATIVE FARMERS
UNITED CO-OP FARMERS REPORTS PROFITABLE YEAR

UNITED COOPERATIVES OF ONTARIO
ONTARIO COOPERATIVE MOVES TO NEW OFFICE

UNITED SUPPLIERS, INC.
IOWA FEED FIRM HELPING FARMERS FORM FARROWING CORPORATIONS

UNIVERSAL COOPERATIVES, INC.

.....JAN 15 P. 16
.....JUL 23 P. 33

.....JUN 04 P. 8
.....OCT 22 P. 4

.....OCT 08 P. 8
.....NOV 12 P. 50

.....DEC 10 P. 38

.....FEB 05 P. 68
.....FEB 19 P. 45
.....MAR 12 P. 8
.....JUN 25 P. 44
.....JUL 09 P. 32
.....NOV 19 P. 8
.....DEC 03 P. 5

.....FEB 19 P. 21
.....JUN 04 P. 6

.....FEB 05 P. 8
.....MAR 19 P. 9

.....JAN 29 P. 12
.....MAY 07 P. 10
.....JUL 02 P. 6
.....JUL 09 P. 7
.....AUG 06 P. 6
.....OCT 01 P. 9
.....NOV 26 P. 11

.....MAR 19 P. 21

.....OCT 22 P. 9
.....NOV 19 P. 32

.....MAY 14 P. 22

.....APR 30 P. 43

.....DEC 31 P. 4

CO-OP REPORTS ADDITIVE SALES

UPJOHN CO.
SALES OF UPJOHN'S AG DIVISION HITS $69 MILLION IN '72
UPJOHN INTRODUCES VETERINARY INJECTABLE
POULTRY HEALTH SEMINAR

U.S. INDUSTRIES, INC.
NEW DISTRIBUTORSHIPS

VWR UNITED CORP.
LYON CHEMICALS SOLD TO VWR UNITED CORP.

VALMAC INDUSTRIES, INC.
VALMAC ENDS NEGOTIATIONS
VALMAC REPORTS RECORD EARNINGS
VALMAC TO ACQUIRE COLORADO FOOD DISTRIBUTOR
VALMAC PLANS TO SPIN OFF DISTRIBUTION SUBSIDIARY
VALMAC COMPLETES PURCHASE OF COLORADO DISTRIBUTOR
VALMAC ADOPTS ANNUAL DIVIDEND OF 40 CENTS PER SHARE
VALMAC INDUSTRIES REPORTS RECORD REVENUE, EARNINGS
VALMAC REPORTS RECORD QUARTERLY SALES, EARNINGS
HIGHER SALES, INCOME REPORTED BY DISTRIBUCO
VALMAC REPORTS RECORD INCOME, HIKES DIVIDENT

VAN HOVEN CO., INC.
MIDWEST RENDERER MAY HELP U.S. IN SETTING RENDERING ODOR GUIDEL

VANDE BUNTE EGG CO.
EGG FIRM MOVES TO LARGER FACILITY

VANTRESS FARMS
VANTRESS INTRODUCES FEMALE BREEDER
VANTRESS FINED FOR VACCINE VIOLATION
VANTRESS TO MOVE BREEDING FACILITES
VANTRESS PEDIGREE BUYS VANTRESS FARMS

VIBRA SCREW INC.
VIBRA SCREW BUYS 50% OF BULK LINER

VIGORTONE PRODUCTS CO.
NEW BUMPER STICKERS
VIGORTONE OPEN HOUSE

VINELAND EGG AUCTION
VINELAND EGG AUCTION MEMBERS VOTE TO DISSOLVE

VINELAND LABORATORIES, INC.
VINELAND OFFERING MAREK'S VACCINE

VIT-A-WAY, INC.
VIT-A-WAY OPENS AMARILLO PLANT

VITA PLUS CORP.
VITA PLUS NAMES PALMER EXECUTIVE VICE PRESIDENT
VITA PLUS INTRODUCES NEW HOG FEEDS, PREMIXES
VITA PLUS OFFERS PRESERVATIVES
SCHOLARSHIP AWARDED

INDEX
73

.....APR 23 P. 10

.....APR 30 P. 43
.....MAY 21 P. 16
.....NOV 26 P. 49

.....NOV 19 P. 18

.....JUL 16 P. 37

.....JAN 29 P. 77
.....FEB 12 P. 7
.....FEB 19 P. 15
.....MAR 26 P. 35
.....APR 16 P. 53
.....MAY 07 P. 12
.....MAY 21 P. 8
.....AUG 06 P. 8
.....AUG 06 P. 42
.....NOV 05 P. 8

DELINES .....MAR 05 P. 12

.....AUG 13 P. 21

.....JAN 29 P. 60
.....MAY 28 P. 6
.....AUG 06 P. 6
.....OCT 15 P. 7

.....APR 09 P. 70

.....FEB 26 P. 46
.....DEC 24 P. 7

.....APR 09 P. 61

.....JUN 04 P. 7

.....DEC 24 P. 7

.....JAN 29 P. 12
.....FEB 26 P. 58
.....JUN 18 P. 36
.....JUL 16 P. 37

VITA PLUS OFFERS HORSE PELLET
VITA PLUS SALES SHOW 28% INCREASE OVER LAST YEAR
VITA PLUS TOP SALESMEN HONORED

J. H. WAKE FEED CO.
PHILLIP WAKE RECEIVES IOWA AGRIBUSINESS AWARD

WALLACE INTERNATIONAL, INC.
WALLACE MARKETS SWINE IN BRAZIL

WATSON'S SEAFOOD AND POULTRY CO.
WATSON'S PURCHASES RAMSEY FEED CO.

WAX FEED STORE
FEED STORE ISSUED LICENSE

WEBSTER, H. K., CO.
FEED FIRM WANTS ACTION AGAINST PRICES
'BRUSHING UP' FOR 105TH
WEBSTER FEED MILL

WENDLAND'S FARM PRODUCTS, INC.
LARRY ALLEY BUYS INTEREST IN WENDLAND'S

WELLENS & CO., INC.
WELLENS OPENS MEMPHIS OFFICE

WESMAR
WESMAR FORMS NEW PRODUCT DIVISION

J. S. WEST MILLING CO.
WEST COMPANIES ELECT OFFICERS

WEST SIDE POULTRY
NEW LOCATION

WESTERN BEEF, INC.
WESTERN BEEF HAS RECORD EARNINGS FOR FISCAL YEAR
WESTERN BEEF INCREASES EARNINGS
WESTERN BEEF REPORTS HIGHER EARNINGS, SALES
WESTERN BEEF HIKES EARNINGS
WESTERN BEEF EARNINGS UP

WESTERN FARMERS ASSN.
WIEBE ELECTED WFA PRESIDENT
WESTERN FARMERS IMPROVES OPERATING RESULTS IN 1972
WFA CUTS POWER USAGE

WESTERN GRAIN EXCHANGE, INC.
NEW MONTANA GRAIN ELEVATOR ANNOUNCED

WHEAT BROTHERS INC.
FIRE DAMAGES NEW YORK FEED MILL

WHITE WING EGG FARM
WHITE WING PACKING PLANT GUTTED BY FIRE

WHITMOYER LABORATORIES, INC.

T INDEX
973

.....AUG 06 P. 37
.....NOV 05 P. 8
.....NOV 19 P. 32

.....APR 30 P. 47

.....DEC 24 P. 11

.....MAY 28 P. 7

.....SEP 24 P. 25

.....FEB 12 P. 8
.....JUN 04 P. 8
.....SEP 24 P. 7

.....SEP 17 P. 4

.....OCT 29 P. 7

.....JUL 30 P. 40

.....JUL 02 P. 8

.....DEC 31 P. 39

.....FEB 12 P. 8
.....MAR 26 P. 14
.....JUN 11 P. 8
.....JUL 23 P. 8
.....SEP 17 P. 21

.....JAN 08 P. 12
.....FEB 12 P. 8
.....OCT 29 P. 8

.....APR 30 P. 48

.....MAY 28 P. 33

.....NOV 05 P. 48

WHITMOYER SAFETY AWARD

WILCO FARMERS
WILCO FARMERS REPORT SALES INCREASE FOR YEAR

WILSON & CO., INC.
WILSON & CO. DIVIDEND
WILSON & CO. POSTS INCREASED SALES, LOWER EARNINGS
WILSON PROJECTS HIGHER 1973 INCOME
WILSON IMPROVES QUARTER FIGURES
WILSON SALES, EARNINGS UP
WILSON INCREASES FORECAST FOR ANNUAL INCOME
WILSON SEES IMPROVED EARNINGS
WILSON--LTV STOCK EXCHANGE APPROVED

JOHN M. WHITTAKER ASSOCIATES
JOHN WHITTAKER STARTS VET CONSULTING FIRM

Y.O. RANCHES LTD.
WYOMING FEEDLOT TRIES INTEGRATED CONCEPT IN RAISING, FEEDING S

YODER, INC.
YODER REPORTS RECORD PROFITS

YOUNG FEED & SEED
NEW FEED STORE

ZACKY FOODS CO.
ZACKY FOODS BUYS FACILITIES

ZAPATA CORP.
ZAPATA OFFERS STOCK

ZEIGLER MILLING CO.
ZEIGLER MILLING BUYS BUCYRUS GRAIN CO.

ZIP FEED MILLS
SAFETY IN THE FEED MILL

COMPUTERS
DAIRYMEN USING MICHIGAN-BASED COMPUTER SYSTEM EXTENSIVELY TO S
FEED MEN CAN USE COMPUTER TO GIVE DAIRYMEN PROFIT PICTURE
DAIRYMEN URGED TO SEEK TOP PROFITS
COMPUTERIZED RATION
POULTRY INTEGRATOR INCORPORATES COMPUTER SYSTEM

CONFERENCES
KANSAS CONFERENCE TO COVER NUTRITION PROBLEMS, TRENDS
MONTANA NUTRITION CONFERENCE SET FOR FEB. 5-6
KANSAS CONFERENCE WILL COVER ANIMAL NUTRITION, HEALTH
SEMINARS STUDYING ANAPLASMOSIS SET
MEET ON EFFLUENTS CONTROL PLANNED
FLORIDA BEEF COURSE FEATURING INDUSTRY SPEAKERS
SWINE PROGRAM SET FOR CALIFORNIA PRODUCERS
BUTZ TO ADDRESS USDA AG OUTLOOK CONFERENCE FEB. 20
CORNELL AGRIBUSINESS EXECUTIVES PROGRAM SCHEDULED FOR JUNE
SPEAKER DISCUSSES EFFECT OF VITAMINS AT 2ND WORLD CONGRESS OF
COLLEGE SCIENTISTS TO SPEAK BEFORE WYOMING CONCLAVE

.....MAY 14 P. 32

.....SEP 10 P. 17

.....FEB 05 P. 62
.....APR 09 P. 49
.....APR 16 P. 44
.....MAY 14 P. 35
.....SEP 03 P. 23
.....SEP 10 P. 8
.....NOV 19 P. 12
.....NOV 19 P. 32

.....FEB 19 P. 8

SHEEP .....JUL 16 P. 5

.....DEC 24 P. 2

.....SEP 10 P. 57

.....JUL 09 P. 4

.....SEP 24 P. 42

.....AUG 20 P. 8

.....MAY 07 P. 50

SAVE ON RATIONS .....MAY 07 P. 92
.....JUN 11 P. 4
.....JUN 25 P. 48
.....OCT 22 P. 14
.....NOV 26 P. 32

.....JAN 01 P. 2
.....JAN 08 P. 13
.....JAN 08 P. 13
.....JAN 08 P. 22
.....JAN 08 P. 51
.....JAN 08 P. 64
.....JAN 22 P. 5
.....JAN 22 P. 13
.....JAN 22 P. 13
OF ANIMAL FEEDING .....JAN 22 P. 37
.....JAN 29 P. 8

MISSOURI NUTRITION CONFERENCE SLATED FOR FEBRUARY 1
FEED WORKSHOPS TO BE HELD IN KANSAS IN FEBRUARY, MARCH
POLITICAL, ECOLOGICAL, PUBLIC RELATIONS CHALLENGES FACING AGRI
NEBRASKA NUTRITION MEET THIS WEEK
ACADEME, FEED MEN REVIVE MISSOURI NUTRITION CONFERENCE
LATIN AMERICAN POULTRY CONGRESS SLATED FOR APRIL
NEBRASKANS HEAR ABOUT CATTLE FEED, ANTIBIOTICS RESEARCH
NEW HAMPSHIRE POULTRY HEALTH CONFERENCE TO MEET
FOOD PROCESSING WASTE MANAGEMENT CONFERENCE SET
INDIANA CATTLE FEEDERS DAY
MARYLAND NUTRITION CONFERENCE
ASSOCIATION OF SOUTHERN AGRICULTURAL WORKERS
MONTANA NUTRITION CONFERENCE
UNIVERSITY OF NOTTINGHAM NUTRITION CONFERENCE FOR FEED MANUFAC
SYMPOSIUM ON PROCESSING RAW MATERIALS
CORNELL POULTRYMEN'S GET TOGETHER
INTERNATIONAL TRADE CONFERENCES SET
AMERICAN VETERINARY MEDICINE ASSN.
AMERICAN SOCIETY OF ANIMAL SCIENCE
AMERICAN VETERINARY MEDICAL ASSN.
BRITISH SOCIETY OF ANIMAL PRODUCTION
ARKANSAS FORMULA FEED CONFERENCE
CORNELL NUTRITION CONFERENCE FOR FEED MANUFACTURERS
MINNESOTA NUTRITION CONFERENCE
TEXAS NUTRITION CONFERENCE
LIVESTOCK EXPO '73
ARKANSAS FORMULA FEED CONFERENCE
POULTRY SCIENCE ASSN.
PACIFIC NORTHWEST ANIMAL NUTRITION CONFERENCE
1973 POULTRY INSTITUTE
POULTRY SCIENCE ASSN.
THIRD INTERNATIONAL COMMODITIES CONFERENCE
AG OUTLOOK CONFERENCE SET FOR DEC. 17-19
FEED ADDITIVES, GRAIN PROCESSING SUBJECTS OF LONDON FEED CONFE
TEXAS ANIMAL AG CONFERENCE SET FOR JANUARY
USDA RELEASES SCHEDULE FOR AG OUTLOOK EVENT
MAINE POULTRY SERVICEMEN HEAR VARIETY OF TOPICS

CONFINEMENT FEEDING
CONFINEMENT FEEDING NOT A CURE-ALL, IOWANS REPORT
COLD CONFINEMENT

CONSUMERISM
AGRICULTURE CAN'T SIDESTEP PUBLIC ISSUES: CONSULTANT

COOPERATIVES, COOPERATIVE RESEARCH
FARMERS CAN PROMOTE THEIR PRODUCTS THROUGH CO-OP BRANDED FOODS
COOPERATIVE LEADERS: ENERGY CRISIS COULD SERIOUSLY AFFECT FOO
CO-OPS CONDUCTED $1.3 BILLION OF FOREIGN TRADE IN 1970, BUT PO

CORN
FEEDING OF CORN POLLEN UPS GAINS
USDA WARNS OF NEW CORN BLIGHT

COTTONSEED MEAL
FIRMS GIVEN SPECIAL PERMISSION TO SHIP AMMONIATED COTTONSEED M
EFFECTS OF FLOODS ON COTTON PRODUCTION SEEN SIGNIFICANT

CREDIT AND FINANCING

T INDEX
973

	.....JAN 29 P. 8
	.....JAN 29 P. 8
GRICULTURE DISCUSSED AT MISSOURI MEET	.....FEB 05 P. 12
	.....FEB 26 P. 8
	.....FEB 26 P. 12
	.....FEB 26 P. 46
	.....MAR 05 P. 1
	.....MAR 12 P. 10
	.....MAR 12 P. 68
	.....MAR 26 P. 3
	.....APR 16 P. 20
	.....APR 16 P. 34
	.....APR 23 P. 34
FACTURERS	.....MAY 07 P. 69
	.....JUN 18 P. 38
	.....JUL 09 P. 7
	.....JUL 23 P. 42
	.....JUL 30 P. 4
	.....AUG 06 P. 4
	.....AUG 06 P. 6
	.....AUG 06 P. 36
	.....AUG 13 P. 4
	.....SEP 03 P. 6
	.....SEP 10 P. 6
	.....SEP 10 P. 6
	.....SEP 10 P. 28
	.....SEP 17 P. 6
	.....SEP 17 P. 34
	.....OCT 15 P. 4
	.....OCT 15 P. 7
	.....OCT 15 P. 36
	.....NOV 12 P. 8
	.....NOV 26 P. 16
NFERENCE	.....NOV 26 P. 17
	.....DEC 03 P. 33
	.....DEC 10 P. 4
	.....DEC 24 P. 14
	.....JUL 16 P. 5
	.....OCT 08 P. 14
	.....MAY 21 P. 7
DDS: AD EXECS	.....JAN 29 P. 50
FOOD OUTPUT	.....MAR 05 P. 42
POTENTIAL SAID GREATER	.....APR 09 P. 62
	.....MAY 14 P. 24
	.....JUN 18 P. 52
D MEAL TO EGG FARMS	.....FEB 19 P. 1
	.....MAY 21 P. 3

POULTRYMEN CALL FOR BETTER CREDIT DATA
PENNSYLVANIA MILLERS AND FEED DEALERS CALLED MAJOR SOURCES OF
JUDGMENT AND INVESTIGATION KEYS TO SUCCESSFUL CREDIT

CUBING
STATIONARY RIGS SAID TO BE THE TREND IN CUBING
COMPLETE CUBED HAY RATIONS REDUCE MILK FAT, DAIRY MEET TOLD

DAIRY NUTRITION
FORMULATING COMPLETE FEEDS, DEVELOPING HEIFERS DISCUSSED

DISEASE
PULLORUM-TYPHOID TESTINGS DOWN
PURDUE RESEARCHERS IDENTIFY TWO POULTRY VIRUSES
MEXICAN STEER TB RULES STIFFENED
INCLUSION BODY HEPATITIS
MANY HORSES NOT PROTECTED AGAINST VEE
MINNESOTA RATED PULLORUM, TYPHOID-FREE BY USDA
PULLORUM-TYPHOID TESTINGS INCREASE
POULTRYMEN HEAR ABOUT NEWCASTLE PROGRESS, MAREK'S VACCINE PROB
USDA DECLARES IOWA PULLORUM-TYPHOID FREE
OREGON DECLARED FREE OF PULLORUM, FOWL TYPHOIE
USDA ACTS TO PROTECT CATTLE FROM BRUCELLOSIS
THREE TYPES OF ENCEPHALITIS ABOUND
ERADICATION SEEN AS BEST WAY TO HANDLE POULTRY DISEASE SITUATI
BRITISH USE METABOLIC PROFILE TEST FOR DETECTION OF PRODUCTION
JUNE POULTRY PULLORUM-TYPHOID TESTINGS DOWN
USDA ACTS ON SWINE DISEASE
USDA MAKES GRANT TO STUDY BLUECOMB
ANTI-BRUCELLOSIS PROGRAM PROGRESSES
USE COGGINS TEST TO DETECT EQUINE ANEMIA
PREVENTION OF MD NEEDS MORE THAN JUST VACCINE
CHOLERA QUARANTINE LIFTED
50TH ANNIVERSARY
USDA WARNS HORSE OWNERS ABOUT EE
PULLORUM-TYPHOID TESTINGS DOWN
PULLORUM-TYPHOID TESTINGS DOWN 18% IN PERIOD
PULLORUM-TYPHOID TESTING

DUCK NUTRITION
MARKET DUCK RATIONS

EDITORIALS
KEEPING A LID ON FARM PRICES
EDITORIAL
THE NEED FOR AN 'AGRICULTURE DAY'
TIME TO ACT ON SELENIUM
THE PASSING OF STILBESTROL
TOWARD HIGHER FARM PRICES
GRAIN RESERVES REVISITED
THE NEED FOR LESS CONTROLS, NOT MORE
RESISTING THE TEMPTATION OF BOOKINGS
BUSINESS PROSPECTS IN 1974

EGG INDUSTRY
MIDWEST EGG MEN POLLED ON USDA MARKET REPORT
EGG PRODUCERS MAKING UP FOR LOSSES OF PAST YEARS, BUT FLOCK BU
FUEL PINCH AFFECTS SOME IN SOUTHEAST

	.....JAN 08 P.	24
OF SHORT-TERM CREDIT	.....APR 30 P.	52
	.....NOV 12 P.	7
	.....APR 23 P.	4
	.....JUL 09 P.	4
	.....APR 30 P.	4
	.....JAN 29 P.	9
	.....JAN 29 P.	57
	.....FEB 26 P.	24
	.....FEB 26 P.	31
	.....MAR 05 P.	18
	.....MAR 05 P.	22
	.....APR 02 P.	7
ROBLEMS	.....APR 23 P.	6
	.....APR 30 P.	52
	.....APR 30 P.	74
	.....MAY 14 P.	35
	.....JUL 09 P.	16
ATIONS	.....JUL 23 P.	7
ION DISEASE	.....JUL 23 P.	32
	.....JUL 30 P.	7
	.....AUG 06 P.	4
	.....AUG 06 P.	25
	.....AUG 06 P.	30
	.....AUG 06 P.	44
	.....AUG 13 P.	30
	.....AUG 20 P.	13
	.....SEP 03 P.	23
	.....SEP 17 P.	46
	.....OCT 01 P.	7
	.....OCT 29 P.	7
	.....DEC 17 P.	18
	.....JAN 08 P.	25
	.....JAN 15 P.	10
	.....FEB 12 P.	10
	.....MAR 19 P.	10
	.....MAR 26 P.	10
	.....APR 30 P.	10
	.....JUN 25 P.	10
	.....JUL 23 P.	10
	.....AUG 20 P.	10
	.....NOV 19 P.	10
	.....DEC 31 P.	12
	.....JAN 01 P.	4
BUILD-UP LOOKS CERTAIN	.....JAN 01 P.	8
	.....JAN 29 P.	8

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

UEP, USDA SEE CONTINUED HIGHER EGG PRICES
WINTER STORM HAD LITTLE EFFECT ON SOUTHERN POULTRYMEN
COLORADO EGG PRODUCTION CONTINUES STEADY UPTREND
GRADE-OUT DATA SAID IMPORTANT IN EVALUATING LAYER PERFORMANCE
FREAKISH SOUTHEASTERN SNOWSTORM AFFECTS LAYER, BROILER OPERATI
RESEARCH NEEDED TO REFUTE ANTI-EGG CLAIMS
1973 POULTRY, EGG OUTLOOK IS FAVORABLE: USDA'S CATHCART
UEP'S MASTERS SAYS CONSUMERS MISLED ON EGG PRICES
EGG INDUSTRY NEEDS CLOSER LIAISON WITH CONGRESS: BOOKEY
LATE EASTER SEEN BENEFICIAL FOR EGG PRODUCERS
SAN DIEGO COUNTY EGG COST STUDY AIDS PRODUCERS IN EVALUATING P
PARAMETERS OF CALIFORNIA EGG MARKET SUBJECT OF PEPA PANEL
ECONOMIST SEES HIGHER EGG PRICES IN NEXT 12 MONTHS
MORE EFFICIENCY CALLED FOR IN EGG INDUSTRY
PAST YEAR PROFITS LOW FOR MAINE EGG PRODUCERS, MARKET ANALYSIS
PRODUCER FEARS LEADING TO REDUCED POULTRY, EGG OUTPUT
GROSS INCOME FROM POULTRY IN 1972 UP FROM YEAR BEFORE
RIVERSIDE COUNTY EGG PRICE STUDY PUBLISHED
UEP ECONOMIST SEES PRODUCTION CUTBACK
VPI CONDUCTS RESEARCH ON EGG DELIVERY TRUCK COSTS
HIGHER PRODUCTION COSTS LIKELY TO OFFSET POULTRY PRICE INCREAS
EGG INDUSTRY SEEING SUPPLY SHORTAGES
OVER-ALL PRODUCTION COSTS UP 16% FROM LAST YEAR
BREEDERS URGED TO UPGRADE EGG SHELL TEXTURE, QUALITY
CALIFORNIA EGG PROGRAM SUSPENDS DIVERSION RULES
CALIFORNIANS CITE BENEFITS IN NEW CASTLE AFTERMATH
UEP SEES FAVORABLE EGG PRICES FOR NEXT 18 MONTHS
BROILER, EGG PRICES DROP IN FACE OF BUYER RESISTANCE
BROILER, TURKEY MEAT, EGGS ALL INCREASING
POULTRYMEN AGAIN EXPRESS FEARS OF OVER-PRODUCTION
NEPPCO'S WENTINK URGES MORE WORK ON MARKET DEMAND FOR EGGS
HIGH POULTRY PRICES SET STAGE FOR 1974 EXPANSION
STRONG POULTRY, EGG PRICES OFFSET HIGHER FEED COSTS
NEMA LISTS EGG PROMOTION, PRICE DISCOVERY AMONG TOP PRIORITIES
OUTLOOK GOOD FOR EGG PRODUCERS IN NEXT YEAR
OVER-PRODUCTION OF EGGS BY EARLY 1974 FORESEEN
EGGMEN TO FIGHT CHOLESTEROL ISSUE
'GOOD EGGS'
GOLDEN EGG AWARD
POULTRYMEN BRIEFED ON PROGRESS OF PROPOSAL TO CONTROL EGG PROD
BOOKEY TELLS NEMA: BIGGEST NEED OF EGG INDUSTRY IS UNIFICATIO
UEP MEMBERS TO DISCUSS POTENTIAL INDUSTRY 'BUST'
FLORIDA EGGMAN WINS FORD AWARD
ROGERS EXAMINES PROGRESS ON EGG INDUSTRY PROBLEMS
EGG INFORMATION BOOKLET
AFMA POULTRY COMMITTEE ISSUES '74 PRICE FORECAST
UEP URGES PRODUCERS TO HOLD HATCH AT LAST YEAR'S LEVEL
POULTRY VOLUME TO EXPAND UNLESS SHORTAGES CUT PLANS
WISCONSINITES EXAMINE STATE'S POULTRY INDUSTRY

EGG MARKETING
SEPEA FAVORS ESTABLISHMENT OF EGG BONDING LAW
GRADED LOOSE EGG TRADING REINSTATED
ECONOMIST SEES HIGHER EGG PRICES IN CONNECTICUT
MANITOBA TO ENTER EGG MARKETING PROGRAM
FEATURING EGGS
FROZEN EGG PRODUCTS
EGG IMAGE SURVEY

T INDEX
973

	.....JAN 29	P.	9
	.....JAN 29	P.	37
	.....JAN 29	P.	48
CE	.....FEB 12	P.	24
ATIONS; COLLAPSES HOUSES	.....FEB 19	P.	6
	.....FEB 19	P.	7
	.....FEB 26	P.	1
	.....MAR 05	P.	6
	.....MAR 19	P.	1
	.....MAR 19	P.	7
G PRODUCTION, COSTS	.....MAR 26	P.	6
	.....APR 02	P.	7
	.....APR 02	P.	47
	.....APR 09	P.	10
SIS SHOWS	.....APR 16	P.	19
	.....APR 23	P.	2
	.....APR 23	P.	7
	.....APR 30	P.	71
	.....MAY 21	P.	1
	.....JUN 11	P.	18
EASES	.....JUL 02	P.	1
	.....JUL 16	P.	6
	.....JUL 16	P.	18
	.....JUL 30	P.	6
	.....AUG 13	P.	7
	.....AUG 13	P.	7
	.....AUG 20	P.	6
	.....AUG 20	P.	7
	.....SEP 24	P.	1
	.....OCT 01	P.	1
	.....OCT 01	P.	7
	.....OCT 08	P.	1
	.....OCT 08	P.	6
IES	.....OCT 08	P.	22
	.....OCT 15	P.	1
	.....OCT 29	P.	1
	.....OCT 29	P.	6
	.....NOV 05	P.	7
	.....NOV 12	P.	2
RODUCTION	.....NOV 12	P.	6
TION	.....NOV 26	P.	5
	.....DEC 03	P.	6
	.....DEC 03	P.	23
	.....DEC 17	P.	17
	.....DEC 17	P.	19
	.....DEC 24	P.	1
	.....DEC 24	P.	5
	.....DEC 31	P.	8
	.....DEC 31	P.	40
	.....JAN 08	P.	55
	.....JAN 15	P.	2
	.....JAN 15	P.	18
	.....JAN 15	P.	19
	.....JAN 22	P.	8
	.....JAN 22	P.	17
	.....JAN 29	P.	32

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

RADIO COOKING SHOW
UEP BOARD ADOPTS MARKETING RECOMMENDATIONS
ECI TO ISSUE BI-WEEKLY QUOTES ON EGG MARKET
EGGMEN CONSIDER CHECKOFF PROPOSAL
TEXAS EGGMEN FAVOR NATIONAL MARKETING ORDER
POULTRYMEN COOL TO CHANGE FROM CASH TO ACCRUAL ACCOUNTING
EGG MEN DISCUSS USDA MARKETING GUIDE AT MEETING
BILL FOR NATIONAL EGG CHECKOFF EXPECTED SOON
EGG CLEARINGHOUSE-BASED PRICE DISCOVERY SYSTEM WILL EVENTUALLY
CANADIAN POULTRY MARKETING SYSTEMS DISCUSSED BY SPEAKER
EUROPEAN MARKETING AWARD
MAJOR EGG PROMOTION DRIVE BEGUN IN 8 SOUTHEAST STATES
EFFECTIVE EGG PRICING DISCUSSED AT PEPA PRODUCTION CONFERENCE
USDA NEWS SERVICE USING ECI QUOTES
EGG CLEARINGHOUSE MAKES CHANGE IN TRADING RULES
EGGMEN GIVE PROGRESS REPORTS ON CHECK-OFFS
RETAILER-ORIENTED MATERIALS INTRODUCED AT PENB MEETING
PENB STAFFERS OUTLINE LATEST PROMOTION EFFORTS
NO SCIENTIFIC BASIS FOR RECOMMENDATION TO LIMIT EGG CONSUMPTIO
DIVERSE TEXAS EGG PROMOTION PROGRAM CALLED SOLID SUCCESS
POST-EASTER EGG PROMOTION
BOOKEY HIGHLIGHTS 1973 PURDUE EGG DAY PROGRAM
ADVANTAGES OF NATIONAL EGG ORGANIZATION OUTLINED BY MASTERS AT
USDA SUSPENDS ANNUAL, QUARTERLY MARKETING GUIDES
FLAT SIDED EGGS
EGG COUNCIL WANTS CHECK-OFF REFERENDUM
NEWEST EGG CHECK-OFF PROGRAMS BEING ORGANIZED
EGG MARKETING CHANNELS FOUND SIMPLER, MORE DIRECT
CANADIAN EGG WAR FLARES UP AGAIN BETWEEN MANITOBA, BRITISH COL
AEB PLEDGE ENABLES NCEN TO TAKE OFFENSIVE IN CHOLESTEROL FIGHT
THE CHOLESTEROL ISSUE: STAND UP AND FIGHT OR PROMOTE THE POSI
A LOOK AT HOW THE 'BIG BOYS' OPERATE
SEASONED OMELET MIX
HAWAII MAY CURB IMPORTED EGGS
POULTRYMEN TOLD: 'GIVE CHECK-OFF TIME TO WORK'
ECONOMIST EXPLAINS EGG PRICE SPREAD
CHOLESTEROL CAMPAIGN
MISSISSIPPIANS OK EGG BOARD
USDA TO DISCONTINUE LOOSE EGG REPORT
EGG PROMOTION
CALIFORNIA EGG INDUSTRY ACDELERATES ADVERTISING, PUBLIC RELATI
EGG CENTRAL MEMBER
HEARING DATE SET FOR EGG MARKETING ORDER
OPINIONS DIFFER ON CALIFORNIA EGG PROGRAM STRUCTURE
1970-72 EGG PRODUCTION SHIFTS BY REGIONS NOTED
EGG BILL DIES
IOWA EGGMEN PASS CHECK-OFF
ANTI-CHOLESTEROL CAMPAIGN
MINNESOTA EGGMEN PASS CHECK-OFF
IOWA EGG COUNCIL TO BEGIN CHECK-OFF
S.D. POULTRYMEN VOTE SUPPORT OF EGG PROGRAMS
PASSAGE OF EGG MARKET ORDER IN CALIFORNIA LIKELY
RESULTS OF WALL STREET, N.Y. TIMES EGG ADS SAID HARD TO EVALUA
TV PROMOTION OF EGGS LAUNCHED IN ALABAMA
TOP EGG CARTON
EGG MERCHANDISING CONTEST
POULTRY GROUPS OUTLINE BUDGETS
EUROPEAN ECONOMIC COMMUNITY MAD IMPROVED EGG MARKET IN 2ND QUA

T INDEX
973

	.....JAN 29	P.	32
	.....FEB 05	P.	7
	.....FEB 05	P.	7
	.....FEB 05	P.	18
	.....FEB 05	P.	20
	.....FEB 12	P.	5
	.....FEB 12	P.	7
	.....FEB 12	P.	7
LLY PREVAIL: MULLER	.....FEB 12	P.	25
	.....FEB 26	P.	26
	.....FEB 26	P.	31
	.....MAR 19	P.	7
CE	.....MAR 26	P.	6
	.....APR 02	P.	6
	.....APR 02	P.	47
	.....APR 16	P.	6
	.....APR 16	P.	6
	.....APR 16	P.	7
TION, SAYS NCEN HEAD	.....APR 16	P.	7
	.....APR 16	P.	16
	.....APR 23	P.	20
	.....APR 30	P.	7
S AT TEXAS EGG CLINIC	.....APR 30	P.	7
	.....MAY 07	P.	10
	.....MAY 21	P.	39
	.....MAY 28	P.	23
	.....JUN 04	P.	7
	.....JUN 04	P.	22
COLUMBIA	.....JUN 04	P.	25
GHT	.....JUN 11	P.	7
OSITIVE?	.....JUN 11	P.	7
	.....JUN 11	P.	7
	.....JUN 11	P.	21
	.....JUN 18	P.	6
	.....JUL 02	P.	7
	.....JUL 02	P.	38
	.....AUG 06	P.	24
	.....AUG 13	P.	40
	.....AUG 20	P.	22
	.....AUG 20	P.	23
ATIONS EFFORTS	.....AUG 27	P.	7
	.....SEP 03	P.	23
	.....SEP 10	P.	6
	.....SEP 10	P.	6
	.....SEP 10	P.	21
	.....SEP 10	P.	22
	.....SEP 17	P.	7
	.....SEP 24	P.	22
	.....OCT 15	P.	7
	.....NOV 12	P.	6
	.....NOV 12	P.	7
	.....DEC 03	P.	7
LUATE	.....DEC 03	P.	7
	.....DEC 03	P.	20
	.....DEC 03	P.	21
	.....DEC 03	P.	21
	.....DEC 03	P.	23
QUARTER	.....DEC 10	P.	7

CHRISTMAS EGGS
GRADEABLE NEST RUN EGGS
EGGS-CHOLESTEROL DEBATE INTENSIFIES FOLLOWING ADS
STATE EGG GROUP TO HELP PROMOTE EGGS
CALIFORNIA EGG PROGRAM PASSES
EGG CHECKOFF BILL INTRODUCED
BOOKEY URGES SUPPORT FOR NATIONAL CHECKOFF

EGG NUMBERS
CATTLE, HOG SUPPLIES DEVELOPING SLOWER THAN EXPECTED; POULTRY

EGG PROCESSING
EGG BREAKINGS DOWN FOR PERIOD
FROZEN EGG PROCESS
EGG BREAKINGS DOWN FOR PERIOD
EGG BREAKINGS DOWN FOR PERIOD
SHELL EGGS BROKEN IN APRIL DOWN 26%: USDA
EGG BREAKINGS DOWN FOR PERIOD
SHELL EGGS BROKEN DECLINES 21%, USDA SAYS
EGG SHELL SWEATING
USDA PROPOSES CHANGES IN EGG GRADE STANDARDS
EGG BREAKINGS DOWN 15% FOR PERIOD
USDA REPORTS EGG BREAKINGS
USDA UPDATES GRADE STANDARDS FOR SHELL EGGS
EGG BREAKINGS UP 4% IN PERIOD
PEIA CONDUCTS WORKSHOP ON EGG PRODUCTS QUALITY CONTROL
EGG LABELING REGULATION
EGG BREAKINGS UP 12% IN PERIOD
SURVEY OF EGG PACKERS REVEALS EXCESS CAPACITY
EGG SANITARY STANDARDS
EGG BREAKINGS DOWN FOR PERIOD

ENERGY
ESTABLISHING STANDARDIZED PROCEDURES FOR METABOLIZABLE ENERGY

ESTRADIOL
GROWTH PROMOTANT SIMILAR TO DES BEING INTRODUCED
NEW BEEF GROWTH STIMULANT, ESTRADIOL, PERFORMS EQUAL TO DES IN

EXCHANGES
CHRISTOPHER HEADS KANSAS CITY BOARD
HUFFORD PRESIDENT OF OMAHA EXCHANGE
CME MOVES INTO NEW HEADQUARTERS
PEORIA TRADE BOARD ELECTS NEW OFFICERS
ST. LOUIS EXCHANGE ELECTS NEW OFFICERS
MINNEAPOLIS EXCHANGE SPEEDS MARKET NEWS
CHICAGO BOARD OF TRADE ELECTS OFFICERS
PRODUCE EXCHANGES VOTES TO REORGANIZE
MEMPHIS TRADE GROUPS ELECT OFFICERS FOR 1973
PACIFIC EXCHANGE CAN TRADE IN SHELL EGGS
CHICAGO EXCHANGE SETS TRADE HIGHS
EGG CLEARINGHOUSE CONSIDERING URNER BARRY PROPOSAL
NEW OFFICERS ELECTED BY LINCOLN GRAIN EXCHANGE
CME HAS RECORDS IN VOLUME, SEAT PRICE
EGG CLEARINGHOUSE REJECTS URNER BARRY PROPOSAL; AGREES TO GIVE
INITIAL EGG FUTURES TRADING 'BRISK' ON PACIFIC COMMODITIES EXC
MERCANTILE EXCHANGE SELLS MEMBERSHIP FOR RECORD
USDA TO REPORT ECI EGG DATA

.....DEC 10 P. 23
.....DEC 10 P. 23
.....DEC 17 P. 7
.....DEC 17 P. 19
.....DEC 24 P. 5
.....DEC 24 P. 5
.....DEC 31 P. 4

RY OUTPUT LESS CERTAIN .....MAY 14 P. 4

.....JAN 08 P. 11
.....JAN 08 P. 29
.....FEB 26 P. 43
.....APR 30 P. 67
.....JUN 04 P. 25
.....JUN 11 P. 21
.....JUL 09 P. 7
.....JUL 23 P. 24
.....AUG 06 P. 6
.....AUG 13 P. 32
.....SEP 17 P. 24
.....OCT 08 P. 19
.....OCT 22 P. 43
.....NOV 05 P. 22
.....NOV 19 P. 18
.....NOV 26 P. 49
.....DEC 10 P. 21
.....DEC 10 P. 22
.....DEC 24 P. 29

BY DETERMINATIONS .....MAR 19 P. 25

.....APR 30 P. 4
IN ARIZONA TRIAL .....MAY 07 P. 8

.....JAN 08 P. 6
.....JAN 08 P. 12
.....JAN 08 P. 47
.....JAN 15 P. 29
.....JAN 29 P. 6
.....JAN 29 P. 12
.....JAN 29 P. 57
.....FEB 12 P. 42
.....FEB 19 P. 14
.....FEB 19 P. 27
.....FEB 19 P. 44
.....FEB 19 P. 50
.....FEB 26 P. 2
.....FEB 26 P. 46
IVE MIDWEST QUOTE .....MAR 05 P. 3
EXCHANGE: GALLWAS .....MAR 05 P. 7
.....MAR 05 P. 47
.....MAR 19 P. 6

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

MERCANTILE HAS RECORD FEBRUARY
MARCH VOLUME SETS RECORD AT CME
BOARD OF TRADE HITS RECORD HIGH
DELANO: ECI GETTING INCREASING ACCEPTANCE BY EGG PRODUCERS
CBT ANNOUNCES TRADING CHANGES IN MAY SOYBEANS
MINNEAPOLIS GRAIN EXCHANGE ANNOUNCES NAME CHANGE PLANS
EGG CLEARINGHOUSE REPORTS RECORD TRADING VOLUME
ECI COMMITTEE ANNOUNCES CHANGES
CBT SETS RECORDS FOR JANUARY-APRIL
GRAIN EXCHANGES NAMES OFFICERS
NEW YORK PRODUCE EXCHANGE REORGANIZES
EXCHANGE HAS NEW NAME-MIDAMERICA COMMODITY EXCHANGE
MILWAUKEE EXCHANGE PLANS TO RELOCATE
EGG CLEARINGHOUSE, INC.
EXCHANGE VACATES MARKET DESIGNATION
ECI EXPANDS TRADING TO WEST COAST
MIDAMERICA EXCHANGE TO TRADE IN LIVE HOGS
MILWAUKEE EXCHANGE IN NEW QUARTERS
GRADEABLE NEST RUN EGGS TRADED IN WEST
SMITH NEW GRAIN EXCHANGE HEAD
BILL TO REFORM COMMODITY RULES INTRODUCED
CARGILL URGES NEW COMMODITY EXCHANGE AGENCY
EGG CLEARINGHOUSE GAINING ACCEPTANCE, SAYS DELANO
LEBECK NAMED CBT PRESIDENT
EGG CLEARINGHOUSE, INC., BEGINS GRADEABLE NEST RUN QUOTATION
PACIFIC EXCHANGE TRADING LIVE CATTLE
CEA TO INCREASE REGISTRATION FEES
N.Y. MERC TO STOP EGG, RICE CONTRACTS
MILWAUKEE TO STOP AS CONTRACT MARKET
CHICAGO MERCANTILE EXCHANGE OKAYS NEST-RUN EGG CONTRACT REVISI
EXCHANGES TO MEET AT PEPA CONVENTION

EXPORTS

BIGGER DEMAND FOR GRAIN BY RUSSIA EAST EUROPE SEEN
TRADE CRITICAL OF PREFERENCES ON EXPORTED GRAIN
NORTHEAST DAIRYMEN PROTEST GRAIN IMPORTS
USDA SOURCE PREDICTS HEAVY SOVIET BUYING OF FEED GRAINS, SOYBE
BRUNTHAVER: AGRICULTURE MUST BE GEARED TO MEET EXPORT DEMAND
BOTTOM WON'T DROP OUT OF PROTEIN, FEED GRAIN EXPORT MARKET, GR
USDA ACTION ON GRAIN LOANS DEFENDED; SUPPORT FOR NIXON TRADE P
BILL INTRODUCED TO REQUIRE PUBLIC NOTICE ON EXPORTS
USDA, GRAIN FIRMS GIVEN 'CLEAN BILL OF HEALTH' ON RUSSIAN GRAI
USDA FAILED TO GAUGE RUSSIAN PURCHASES: GAO
RULES CHANGES ON FINANCE APPROVAL FOR EXPORT SALES
U.S. AG OFFICE IN SOVIET UNION EXPANDED
MIDWEST TO BENEFIT FROM K.C. FOREIGN TRADE ZONE: BURKE
USSR EXPECTED TO PURCHASE ADDITIONAL GRAIN
GRAIN COUNCIL SAYS EC ENLARGEMENT COULD INJURE U.S. FARM EXPOR
NIXON SEEKS BROADER AUTHORITY ON TRADE
BRAZIL CUTS BEEF EXPORTS
BUTZ ATTENDS MINISTERS MEETING
U.S. AGRICULTURAL EXPORTS TO COMMUNIST, WESTERN NATIONS BOTH S
CANADIAN FEEDERS TOLD MUST 'GAMBLE'
USE OF AIRPLANES TO EXPORT LIVESTOCK OVERSEAS BECOMING BIG BUS
USDA PROPOSES WEEKLY GRAIN EXPORT REPORT
POULTRYMEN ASK GOVERNMENT FOR TEMPORARY STOPPAGE OF CORN, SOYB
BROILER INDUSTRY HEARS RUMORS OF RUSSIAN PURCHASES
U.S. EXPORTS TO WESTERN EUROPE UP 16 1/2% IN 1972

T INDEX
973

	.....MAR 26 P. 9
	.....APR 16 P. 43
	.....APR 16 P. 43
	.....APR 23 P. 6
	.....APR 23 P. 51
	.....APR 30 P. 1
	.....APR 30 P. 6
	.....MAY 14 P. 6
	.....MAY 14 P. 23
	.....MAY 21 P. 62
	.....JUN 04 P. 34
	.....JUL 16 P. 8
	.....JUL 30 P. 8
	.....AUG 13 P. 18
	.....AUG 27 P. 6
	.....SEP 24 P. 6
	.....SEP 24 P. 42
	.....OCT 01 P. 54
	.....OCT 15 P. 6
	.....OCT 15 P. 8
	.....OCT 15 P. 65
	.....OCT 29 P. 2
	.....OCT 29 P. 6
	.....OCT 29 P. 61
N	.....NOV 05 P. 5
	.....NOV 05 P. 45
	.....NOV 12 P. 41
	.....NOV 12 P. 50
	.....NOV 26 P. 51
ISIONS	.....DEC 17 P. 6
	.....DEC 24 P. 5
	.....JAN 08 P. 1
	.....FEB 05 P. 1
	.....FEB 12 P. 12
YBEANS	.....FEB 19 P. 1
ND	.....FEB 26 P. 2
GRAIN MEN TOLD	.....MAR 05 P. 1
E POLICY ASKED	.....MAR 05 P. 2
	.....MAR 05 P. 36
RAIN TRADE ALLEGATIONS	.....MAR 12 P. 8
	.....MAR 12 P. 12
	.....MAR 26 P. 35
	.....MAR 26 P. 35
	.....MAR 26 P. 48
	.....APR 16 P. 1
PORTS	.....APR 16 P. 2
	.....APR 16 P. 2
	.....APR 16 P. 20
	.....APR 16 P. 51
H SET RECORDS IN 1972	.....APR 30 P. 38
	.....APR 30 P. 43
BUSINESS IN U.S.	.....APR 30 P. 44
	.....MAY 07 P. 8
OYBEAN, MILO EXPORTS	.....MAY 14 P. 1
	.....MAY 14 P. 6
	.....MAY 21 P. 53

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

EXPORT FINANCING INTEREST INCREASE ANNOUNCED
NGFA HEAD OFFERS SUPPORT TO 1973 TRADE REFORM ACT
USDA ESTIMATES USSR GRAIN NEEDS FOR NEXT YEAR
DENIES TRADE TALK WITH USSR
CANADIAN 1972 AGRICULTURAL EXPORTS EXCEEDS $2 BILLION FOR FIRS
SOY, GRAIN EXPORT CUTOFF CALLED FOR
COMMUNIST CHINA SHOWS INTEREST IN U.S. GRAINS
USDA TO BEGIN WEEKLY REPORTS OF EXPORT SALES
PEIA CALLS FOR BALANCED AGRICULTURAL EXPORT PROGRAM
USDA SUSPENDS EXPORT REPORTS
POULTRYMEN WANT EQUALITY IN EXPORT DEALS
NIXON, BREZHNEV SIGN AGREEMENT ON AGRICULTURE
FEED MAN BACKS EXPORT CONTROLS
CONTINENTAL GRAIN ECONOMIST SEES MORE EXPORTS, BUT IS CAUTIOUS
EXPORT EMBARGO FORCES SOY PRICES DOWN; MARKET AWAITS CLARIFICA
EXPORT LICENSING SYSTEM EXTENDED TO MIXED FEEDS, OTHER COMMODI
USDA BUNGLED WHEAT SALE DEAL, GAO REPORTS
EXPORT CONTROL RULES AVAILABLE
SEPEA SEEKS CLARIFICATION OF EXPORT REGULATIONS FOR FOREIGN CU
UNDELIVERED EXPORT FIGURES RELEASED
'HARDSHIP' PLAN SET FOR EXPORT LICENSES
UNDELIVERED BEAN EXPORTS AS OF JUNE 29 REPORTED
SUBCOMMITTEES INVESTIGATING SOVIET GRAIN SALE
FEED, GRAIN EXPORT HARDSHIP RULES MODIFIED
OREGON PORTS EXPORT RECORD GRAIN
EXPORT LICENSING EXTENDED INTO NEW SOYBEAN CROP
EXPORTERS REPORT 1973-74 SOYBEAN, FEED GRAIN SALES AS OF JULY
URGES CONGRESS TO ALLOW PRESIDENT MORE AUTHORITY ON GRAIN EXPO
USDA TO LIFT APPROVAL OF 18 EXPORT OUTLETS
U. S. AG PRODUCT EXPORTS UP 60% IN FISCAL 1973
COMMODITIES EMBARGO SAID WORSE THAN PRICE CEILING FOR U. S. FA
EXPORTERS REPORT SALES OF GRAINS, MEAL
EXPORT RESTRICTIONS ON FEED GRAINS CAN STILL BE AVOIDED, MANY
SOUTHEASTERN ENDORSES FEED EXPORT REGULATION
AFMA URGES INPOSITION OF EXPORT CONTROLS
CARGILL EXEC WANTS TRADE LIBERALIZED, GRAIN RESERVES
U.S. TRADE POLICY GIVES LARGE BUYERS ADVANTAGE
UEP OFFICIALS FEAR FEED SUPPLY SHORTAGES BECAUSE OF EXPORTS
EXPORT LIVESTOCK HEALTH RULE CHANGE PROPOSED
EXPORT CONTROLS ON GRAIN SLIM IF LARGE CORN CROP MATERIALIZES
IOWA POULTRYMAN CRITICIZES U.S. GRAIN EXPORT POLICY
USDA INCREASES EXPORT FINANCING INTEREST RATES
PEIA'S WILLIAMS CALLS FOR GLOBAL U.S. FOOD POLICY
YUGOSLAVIA SEEN AS POSSIBLE CUSTOMER OF U.S. GRAINS
TRADE EXPANSION WITH CHINA FORESEEN
EXPORT LICENSE REQUIREMENTS TO BE REMOVED EFFECTIVE OCTOBER 1
USDA OUTLINES PROPOSED EXPORT REPORTING RULES
10 STATES DOMINATE 1973 AG EXPORTS
HOUSE COMMITTEE OKAYS BILL EXPANDING PRESIDENT'S TRADE POWERS
GOVERNMENT OFFICIALS OUTLINE EXPORT EXPANSION DIRECTIONS
NIXON: TRADE BILL 'CLEARLY INADEQUATE'
FORUM SPEAKERS LOOK AT EXPORT, LIVESTOCK PRODUCTION PROSPECTS
USDA ISSUES FIRST EXPORT SALES REPORT
FISCAL 1974 AG EXPORTS MAY HIT $19 BILLION
POTENTIALS FOR EXPORT OF MEAT BYPRODUCTS SEEN
EXPANDED U.S. EXPORTS SAID TIED TO WORLD POLICY
OREGON GRAIN EXPORTS SET SEPTEMBER RECORD
BUTZ, BRUNTHAVER SEE POSSIBILITIES FOR IMPROVED U.S. TRADE REL

T INDEX
973

	.....MAY 21 P.	72
	.....MAY 28 P.	2
	.....MAY 28 P.	45
	.....JUN 04 P.	2
IRST TIME	.....JUN 04 P.	40
	.....JUN 11 P.	1
	.....JUN 11 P.	2
	.....JUN 11 P.	52
	.....JUN 18 P.	6
	.....JUN 18 P.	7
	.....JUN 25 P.	5
	.....JUN 25 P.	5
	.....JUN 25 P.	7
OUS	.....JUN 25 P.	46
ICATION	.....JUL 02 P.	1
ODITIES	.....JUL 09 P.	1
	.....JUL 16 P.	1
	.....JUL 16 P.	2
CUSTOMERS	.....JUL 16 P.	2
	.....JUL 16 P.	5
	.....JUL 16 P.	51
	.....JUL 23 P.	41
	.....JUL 30 P.	2
	.....JUL 30 P.	6
	.....JUL 30 P.	41
	.....AUG 06 P.	2
LY 13	.....AUG 06 P.	5
XPORTS	.....AUG 06 P.	6
	.....AUG 06 P.	30
	.....AUG 13 P.	4
FARMERS	.....AUG 13 P.	6
	.....AUG 13 P.	7
NY BELIEVE	.....AUG 13 P.	45
	.....AUG 13 P.	47
	.....AUG 20 P.	1
	.....AUG 20 P.	2
	.....AUG 20 P.	3
	.....AUG 20 P.	7
	.....AUG 20 P.	45
ES	.....AUG 27 P.	5
	.....AUG 27 P.	6
	.....SEP 03 P.	13
	.....SEP 03 P.	21
	.....SEP 10 P.	24
	.....SEP 17 P.	2
1	.....SEP 24 P.	1
	.....SEP 24 P.	2
	.....SEP 24 P.	44
RS	.....OCT 01 P.	2
	.....OCT 08 P.	4
	.....OCT 15 P.	4
TS	.....OCT 15 P.	45
	.....NOV 05 P.	43
	.....NOV 12 P.	1
	.....NOV 12 P.	4
	.....NOV 19 P.	8
	.....NOV 19 P.	21
RELATIONS	.....NOV 26 P.	6

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

USDA REPORT SHOWS VALUE, TYPE OF AG PRODUCTS U.S. WILL EXPORT
USDA SEES MORE OILSEED EXPORTS TO EAST EUROPE
SOUTHERN STATES TO FORM TRADE GROUP
EXPORT FALLOFF, CHEAPER FEED SEEN POSSIBLE
AFTER HITTING $19 BILLION THIS YEAR, AG EXPORTS WILL FALL OFF

FARM NUMBERS
TREND SEEN TO LARGER, MORE STABLE FARMS
TEXAS HAS MOST CATTLE FARMS IN NATION

FARM RECEIPTS
MORE REALISTIC FARM INCOME BAROMETER URGED
CORN, SOYBEANS LEAD AS ILLINOIS FARM INCOME SOURCES
CONTINUED HIGH CROP, LIVESTOCK PRICES SEEN BOOSTING FARM INCOM
FEED PRIME FORCE IN FARM PRICE HIKE; FEEDERS SHELVING EXPANSIO

FAT
THE NUTRITIVE VALUE OF FEED GRADE ANIMAL FAT
EFFECT OF DIET COMPOSITION ON FEED INTAKE AND GROWTH OF CHICKS
EFFECTS OF LOW LEVELS OF SUPPLEMENTAL TALLOW IN THE FINISHING

FATTY LIVER
POSSIBLE CURE SEEN FOR FATTY LIVER HEMORRHAGIC SYNDROME

FEED CONSUMPTION
POULTRYMEN CAUTIONED: DON'T COUNT ON LOWER FEED PRICES
USDA: FARMERS WILL SPEND MORE FOR FEED THIS YEAR
NORTH CAROLINA FEED TONNAGE OFF
FEED SHIPPED IN WYOMING IN 1972 UP 17% FROM '70
OKLAHOMA FEED TONNAGE REPORTED
HIGH-PROTEIN SUPPLY 'EXTREMELY TIGHT,' USDA SAYS; RATE OF FEED
INCREASE IN ANIMAL UNITS MAY CREATE TIGHT GRAIN SUPPLIES
WEST VIRGINIA FEED TONNAGE OFF IN 1972
BEEF HAS 40% OF COLORADO TONNAGE
IRISH FEEDSTUFFS PRODUCTION UP
PENNSYLVANIA FEED OUTPUT TOTALED
FEED PRODUCTION IN WEST GERMANY RISES
COMMERCIAL FEED SALES IN KANSAS DOWN 6% IN 1972
JUNE MILK-FEED RATIO LOWEST SINCE 1955
1972 FEED SALES UP FOR ARIZONA
ARKANSAS FEED SALES REPORTED
COLORADO FEED SALES REPORTED

FEED DISTRIBUTION
COOPERATIVE SEEKS MORE ECONOMICAL BULK DELIVERY

FEED INDEX
FEED PRICE INDEX, 24% ABOVE '71, HITS 24-YEAR HIGH
FEEDS LEAD FARM PRODUCTS PRICE INCREASES
COMMODITY-FEED PRICE RATIOS
FARMERS' FEED COSTS UP 4% IN FEBRUARY
COMMODITY-FEED PRICE RATIOS
FEED PRICES AVERAGE 3% HIGHER IN LATEST MONTH BUT SOY MARKETS
APRIL FEED PRICES DOWN 2% FROM MARCH, UP 34% OVER YEAR AGO
AVERAGE FEED PRICES UP 10% IN PAST MONTH
COMMODITY-FEED PRICE RATIOS
MID-JUNE FEED PRICES AT RECORD LEVELS
COMMODITY-FEED PRICE RATIOS

INDEX
73

T .....NOV 26 P. 38
.....NOV 26 P. 44
.....NOV 26 P. 57
.....DEC 10 P. 7
F .....DEC 31 P. 14

.....APR 30 P. 4
.....APR 30 P. 48

.....FEB 19 P. 44
.....MAR 26 P. 9
OME .....AUG 20 P. 29
ION PLANS .....AUG 27 P. 5

.....OCT 29 P. 27
KS UNDER HEAT STRESS .....OCT 29 P. 30
G RATIONS OF MEAT-TYPE PIGS .....OCT 29 P. 33

.....MAR 05 P. 7

.....FEB 05 P. 1
.....MAR 19 P. 43
.....MAR 26 P. 49
.....APR 09 P. 50
.....APR 16 P. 39
EEDING TO DECLINE .....APR 23 P. 2
.....APR 23 P. 2
.....APR 30 P. 37
.....APR 30 P. 67
.....JUN 18 P. 49
.....JUN 18 P. 52
.....JUN 25 P. 48
.....JUL 09 P. 37
.....JUL 16 P. 5
.....JUL 16 P. 43
.....OCT 01 P. 9
.....OCT 22 P. 9

.....FEB 26 P. 47

.....JAN 01 P. 2
.....JAN 15 P. 1
.....FEB 12 P. 48
.....MAR 05 P. 1
.....MAR 12 P. 64
TS CONTINUE TO WEAKEN .....APR 02 P. 1
.....MAY 07 P. 1
.....JUN 04 P. 1
.....JUN 11 P. 27
.....JUL 02 P. 1
.....JUL 09 P. 36

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

JULY 15 FEED PRICES DIP 3% FROM JUNE
COMMODITY-FEED PRICE RATIOS
MID-AUGUST FEED PRICE INDEX AT RECORD HIGH
COMMODITY-FEED PRICE RATIOS
FEED COSTS DOWN 9% IN MONTH
MID-OCTOBER FEED PRICES DOWN 1%
COMMODITY-FEED PRICE RATIOS
FEED PRICE INDEX DECLINES 2%
FEED-PRICE RATIOS SHOW CHANGES IN FEEDING PROFITABILITY

FEED INDUSTRY

FEED INDUSTRY FACES PROBLEMS, BUT FUTURE CHALLENGING, BRIGHT
COMMERCIAL FEED MANUFACTURERS EXPECT PICKUP IN BUSINESS FOLLOW
FEED PRICES HIKE COSTS BY 33% FOR NORTHEAST PRODUCERS
UNIVERSITY LEVEL EDUCATIONAL PROGRAMS FOR THE FORMULA FEED IND
TRADE CRITICAL OF PREFERENCES ON EXPORTED GRAIN
HIGH FEED INGREDIENT PRICES CALL FOR CHANGES IN WAY FEED FIRMS
FEED MANUFACTURERS ADDED 44 PLANTS IN '72
FEED INDUSTRY 1973 SHIPMENTS VALUED AT $6.4 BILLION, UP 6%
INDUSTRY REPRESENTATIVES DISCUSS FACTORS AFFECTING AVAILABILIT
FEED INDUSTRY HAS 'VITAL STAKE' IN EXPANDING AG EXPORTS, MIDWE
NEW MEXICO FEED MEN GET TAX BREAK
UNHAPPY FEED MEN ANTICIPATE CHANGES IN BOOKING PROGRAMS
FEED MANUFACTURING PROFITS FOR REMAINDER OF YEAR LOOK PROMISIN
FEED MANAGER SEES CHANGES IN MERCHANDISING AND ADVERTISING TEC
FLEET TRUCK MANAGEMENT COVERED AT FEED SCHOOL
TECHNOLOGICAL CHANGES, CREDIT, TRANSPORTATION MAJOR INDUSTRY C
USDA REPORTS NEW PEAKS FOR MAY PRICE OF FEED INGREDIENTS
TRADE FINDS INGREDIENT SITUATION HARD TO LIVE WITH
PESSIMISM CREEPS INTO FEED SALES PICTURE
FEED MEN CAUTIONED ABOUT PRODUCT LIABILITY SUITS
FEED MEN, WEARY OF FREEZE, HOPE FOR WARMER PHASE 4
CANADIAN FEED SITUATION EMPERILED BY U.S. EMBARGO
FEED OUTPUT IN COMMON MARKET SEEN AT 70 MILLION TONS BY '80
RETURN ON INVESTMENT FOR CANADIAN FEED MANUFACTURERS TOO LOW:
EFFECTS OF TIGHT INGREDIENT SUPPLY ON FEED MEN TOLD
AFFCO ENDORSES NEW DRUG SYMBOL
EMERGENCY FEED OFFER
IMPROVEMENT IN COMMERCIAL FEED BUSINESS PROJECTED FOR 1974
FIRM PRICE CONTRACTS REPLACE FEED BOOKINGS FOR MANY FIRMS
UTAH SCIENTISTS TO COMPILE FEED DATA
SHORT-TERM OVER SUPPLY POSSIBLE, FEED MEN WARNED
NEW COLORADO FEED TAX RULING
FEED MEN FIND THEY HAVE TO ANTICIPATE BAG NEEDS
POULTRYMEN URGED TO USE CAUTION IN PREPAYING FEED
EVALUATING THE VARIABLES THAT GO INTO A BUYING DECISION
IMPROVED USE OF INGREDIENTS EXPECTED IN COMING YEARS
FOOD SCIENTIST SAYS CONSUMERS CONFUSED, SKEPTICAL
CONTINUED RAPID GROWTH FOR FEED INDUSTRY SEEN
EMERGENCY FEED OFFERED
NORTHEAST CONCERNED ABOUT INGREDIENT QUALITY
FEED FIRMS' PLANS FOR EQUIPMENT INVESTMENTS VARY
EQUIPMENT INDUSTRY LOOKS AT FEED PRODUCTION TRENDS
'UNIVERSAL WARNING SYMBOL' FOR MEDICATED FEEDS, HEALTH PRODUCT
MOST FEEDERS CONSIDER DEALERS IMPORTANT FOR FEEDING ADVICE SER
COMMERCIAL FEED TONNAGE MAY RISE 6%, BUT MARGINS EXPECTED TO D

FEEDLOTS

INDEX
73

	.....AUG 06 P.	1
	.....AUG 13 P.	36
	.....SEP 03 P.	1
	.....SEP 10 P.	66
	.....OCT 01 P.	1
	.....NOV 05 P.	1
	.....NOV 12 P.	47
	.....DEC 03 P.	2
	.....DEC 31 P.	6
	.....JAN 01 P.	1
OWING '71-'72 DECLINE	.....JAN 01 P.	6
	.....JAN 15 P.	6
NDUSTRY	.....JAN 22 P.	28
	.....FEB 05 P.	1
MS DO BUSINESS: AGWAY'S EDICK	.....FEB 05 P.	4
	.....FEB 12 P.	1
	.....FEB 26 P.	5
ITIES OF FEED INGREDIENTS	.....MAR 19 P.	4
WEST FEED MEN ARE TOLD	.....MAR 26 P.	1
	.....APR 23 P.	44
	.....MAY 07 P.	6
ING, AFMA'S OAKLEY RAY SAYS	.....MAY 07 P.	16
ECHNIQUES, CUSTOMER TYPES	.....MAY 07 P.	102
	.....MAY 21 P.	3
CHALLENGES	.....MAY 21 P.	7
	.....MAY 28 P.	1
	.....JUN 11 P.	1
	.....JUN 18 P.	1
	.....JUN 25 P.	4
	.....JUL 02 P.	1
	.....JUL 09 P.	1
	.....JUL 16 P.	4
: IM'S PHILLIPS	.....JUL 16 P.	4
	.....AUG 13 P.	1
	.....AUG 13 P.	1
	.....SEP 03 P.	23
	.....OCT 01 P.	1
	.....OCT 08 P.	1
	.....OCT 08 P.	32
	.....OCT 08 P.	49
	.....OCT 15 P.	23
	.....OCT 22 P.	2
	.....OCT 22 P.	6
	.....OCT 22 P.	28
	.....NOV 05 P.	1
	.....NOV 05 P.	1
	.....NOV 12 P.	4
	.....NOV 12 P.	12
	.....NOV 19 P.	1
	.....NOV 26 P.	5
	.....NOV 26 P.	34
UCTS ADOPTED	.....DEC 10 P.	2
SERVICES OFFERED	.....DEC 17 P.	1
DECLINE	.....DEC 31 P.	1

GRAIN CONSUMPTION BY BIRDS COSTLY TO FEEDLOTS

FEED MARKETING

COOKBOOK PROMOTES HOG FEED, INCREASED CONSUMPTION OF PORK
FARMERS ATTRACTED TO FEEDER MEETINGS BY PORK CHOP, STEAK FRY E
FEED BOOKING CRITICIZED AT NFIA MEETING; FIRM PRICE CONTRACT S
FARM SUPPLIER BECOMING MORE IMPORTANT INFORMATION SOURCE
FORWARD CONTRACTING FEED INGREDIENTS
HOG FEED SALES BENEFITING FROM GOOD PRICES
FEED DEALER DISCOUNTS CAN SAVE LARGE SWINE PRODUCER $4,000 A Y
NFIA PANEL DISCUSSES EFFECT OF INGREDIENT COSTS ON FEED MANUFA
MISSOURI FEEDERS WANT TESTING OF FEED FROM FEED MEN, MORE INFO
FARM SUPPLIERS TIE-IN CREDIT CARD SYSTEM WITH LOCAL BANK
FORWARD SELLING GUIDES ADOPTED BY FEED GROUP
HOGS MOST RELIABLE PROFIT CENTER FOR ILLINOIS FEEDERS
HOG PRODUCTION STILL PROFITABLE, ALLIED MILLS SPECIALIST CONTE
FOUR FEED COMPANIES WIN NAMA 'BEST IN AGRICULTURE' AD AWARDS
FINANCIAL MARKETING: A FRESH CONCEPT FOR FEED MANUFACTURERS
SALES PREMIUMS: FINDING SOMETHING USEFUL FOR FEED CUSTOMERS
ARE YOUR SALES EFFORTS ON TARGET?

FEED MILLS IN THE U.S.

FEEDSTUFFS - FEED MILLS IN THE U.S.
FEED MILLS IN THE U.S.
FEED MILLS IN THE U.S.

FEED PROCESSING & MIXING

NEW FEED HANDLING SYSTEM FEATURES PNEUMATIC TRANSFER
INGREDIENT COSTS FORCING MORE FEED REFORMULATION
POULTRYMEN SEE MORE EFFICIENT PRODUCTION AS ONLY WAY TO BEAT H
NEW PRODUCTS AT FEED PRODUCTION SCHOOL
'IDEA EXCHANGE' HIGHLIGHTS AFMA FEED PRODUCTION SCHOOL
ADVANCES IN FEED PROCESS CONTROL REPORTED AT AFMA PRODUCTION S
CONSULTANTS ADVISE FEED MEN ON MILL CONSTRUCTION
GELANTINIZATION DURING PELLETING
QUALITY CONTROL EMPHASIZED AS IMPORTANT MONEY SAVER
EFFECT OF SURFACE ACTING AGENTS & OTHER COMPOUNDS ON PHYS PROP
QUALITY CONTROL DEPENDS ON PEOPLE
THERE ARE ALTERNATIVES TO THE HIGH PROTEIN PRICE SITUATION
MULTIPLE BLENDING OF DIETS AS A MEANS OF ALLOCATING SCARCE ING
DESIGN OF A SMALL, PUSHBUTTON FEED MILL FOR RESEARCH STATIONS
SPECIALIST OUTLINES FEED QUALITY CONTROL PROGRAM
ARS-DESIGNED FEED MILL SEEN AS HELPFUL TOOL FOR POULTRY PRODUC

FEEDSTUFFS ANALYSIS TABLE

1973 FEEDSTUFFS ANALYSIS TABLE

FINANCING

THE FINANCIAL GROWING PAINS OF SMALL AND MEDIUM-SIZE AGRIBUSIN
GLENNON: MAJOR SOURCES OF AG CAPITAL MAY BE DIMINISHING
TEXAS ECONOMISTS SAY FARM DEBTS EXCEEDING INCOME
POULTRYMEN COOL TO CHANGE FROM CASH TO ACCRUAL ACCOUNTING
POULTRYMEN URGED TO CONTINUE CASH ACCOUNTING
ABA SUGGESTS MORE LOANS TO AGRICULTURE
PROPOSED DISALLOWANCE OF PREPAID FEEDS AS DEDUCTION ATTACKED
BANK LOANS TO FARMERS INCREASES; TOTALED $19.1 BILLION IN 1972

FISH BYPRODUCTS

T INDEX
973

	.....JUN 11 P. 14
	.....JAN 08 P. 60
Y EVENTS	.....FEB 05 P. 26
T SUGGESTED TO TRADE	.....FEB 26 P. 1
	.....FEB 26 P. 20
	.....FEB 26 P. 34
	.....MAR 12 P. 1
A YEAR, STUDY SHOWS	.....MAR 12 P. 8
UFACTURERS, PRODUCERS	.....MAR 12 P. 9
NFO AND VISITS	.....APR 09 P. 8
	.....APR 16 P. 28
	.....MAY 14 P. 4
	.....JUN 04 P. 5
NTENDS	.....JUL 02 P. 4
S	.....JUL 23 P. 9
S	.....SEP 17 P. 32
S	.....OCT 01 P. 26
	.....OCT 01 P. 29
	.....JUN 25 P. 14
	.....JUL 30 P. 14
	.....AUG 27 P. 16
	.....JAN 08 P. 8
	.....FEB 05 P. 7
T HIGH FEED COSTS	.....FEB 12 P. 7
	.....MAY 14 P. 4
	.....MAY 14 P. 4
N SCHOOL	.....MAY 21 P. 7
	.....MAY 21 P. 7
	.....JUN 04 P. 33
	.....JUN 11 P. 2
ROP OF HEMICELLULOSE EXTRACT & CANE MOLASSES	.....JUN 18 P. 24
	.....JUN 25 P. 4
	.....JUL 16 P. 26
INGREDIENTS ON A LEAST-COST BASIS	.....SEP 03 P. 29
NS	.....SEP 24 P. 39
	.....OCT 29 P. 21
DUCERS	.....OCT 29 P. 45
	.....JUL 23 P. 28
SINESSES	.....JAN 08 P. 36
	.....JAN 29 P. 8
	.....JAN 29 P. 58
	.....FEB 12 P. 5
	.....MAR 12 P. 10
	.....JUL 02 P. 31
D	.....SEP 03 P. 2
972	.....SEP 24 P. 26

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

DOMESTIC FISH MEAL PRODUCTION DECLINES
VALUE OF U.S. FISHERY PRODUCTS UP IN 1972
APRIL FISH MEAL PRODUCTION DOWN
FUTURE OF FISH MEAL TO BE DISCUSSED AT FAO MEET
U.S. FISH MEAL SUPPLIES UP DURING 1972
U. S. FISH MEAL PRODUCTION DROPS
CONTINUED BLEAK FISH MEAL OUTLOOK SEEN
CANADA INSTITUTES FISH MEAL PROGRAM
JULY FISH MEAL PRODUCTION UP
PERU FISHING SAID IMPROVED
POSSIBILITY OF USE OF SHRIMP WASTE IN ANIMAL FEED RATIONS INVE
THE COMPOSITION OF VARIOUS FISHERY PRODUCTS USED IN THE PRODUC
U.S. FISH MEAL PRODUCTION UP
FISH SILAGE AS AN ANIMAL FEED PROPOSED

FISH INDUSTRY
TEXAS CATFISH FARMERS GET MORE FOR LESS, UNIVERSITY RESEARCHER
FLOODING CAUSES CATFISH LOSSES
EFFECT OF HIGHER FEED COSTS ON CATFISH MEASURED
PLANS TO STUDY SEAFOOD FARMING
INCREASED TEXAS IRRIGATION HURTS CATFISH FARMERS
USE OF HUMAN WASTE IN FISH FARMING STUDIED
POND-PRODUCED SHRIMP PROJECT SETS TEXAS RECORD

FISH MANAGEMENT
FISH FARMERS GIVEN ADVICE ON CUTTING FEEDING COSTS
EXPERIMENT SHOWS REARING OF CATFISH IN IOWA POSSIBLE

FISH MARKETING
CATFISH ASSOCIATION VOTES TO ESTABLISH CLEARING HOUSE
SUPERMARKET DEMAND FOR CATFISH STUDIED
CATFISH DEMAND OUTWEIGHS SUPPLY
MARKETING NEEDS FOR FARM-BRED FISH CITED
CATFISH FARMERS' PROBLEMS AIRED IN SURVEY
CATFISH PRODUCTION INCREASES IN AUGUST
OCTOBER CATFISH PRODUCTION UP

FISH MEAL
HUMAN USES, HIGHER PRICES SEEN FOR FISHMEAL IN FUTURE
PERUVIAN FISHING TO RESUME MARCH 5
EPCHAP AGENT HOPES GOOD FISHING WILL CONTINUE, BUT THERE ARE N
NBMA TOLD PERUVIAN FISHING LOOKS PROMISING
PERUVIAN FISHING OUTLOOK REMAINS FAVORABLE
LITTLE HOPE SEEN FOR EARLY IMPROVEMENTS IN FISH MEAL SUPPLIES
CONTINUED TIGHT SUPPLIES, HIGH PRICES SEEN FOR FISH MEAL IN 19

FISH NUMBERS
CATFISH PROCESSING CONTINUES TO GROW
CATFISH PRODUCTION UP IN FIRST QUARTER
CATFISH PRODUCTION DECREASES IN APRIL
JUNE CATFISH PRODUCTION DOWN
CATFISH OUTPUT UP DURING JULY

FISH NUTRITION
CATFISH FARMERS SEEK ALTERNATIVE FEED INGREDIENTS TO REDUCE CL
KSU RESEARCHERS DEVELOP FLOATING CATFISH FEED
CAPSULATION TECHNIQUES, DEVELOPMENT OF DIETS FOR LARVAL AND PO
IMPACT OF FISH FEED MANAGEMENT AND PROCESSING ON PROFIT

T INDEX
973

	.....FEB 05 P. 38
	.....APR 30 P. 67
	.....JUN 25 P. 6
	.....JUN 25 P. 47
	.....JUL 09 P. 35
	.....AUG 06 P. 24
	.....AUG 13 P. 6
	.....SEP 03 P. 13
	.....SEP 24 P. 58
	.....OCT 08 P. 45
NVESTIGATED	.....OCT 22 P. 30
DUCTION OF ANIMAL FEEDS	.....DEC 03 P. 29
	.....DEC 10 P. 3
	.....DEC 10 P. 49
HERS REPORT	.....JAN 15 P. 6
	.....JUN 11 P. 8
	.....JUN 18 P. 32
	.....JUL 30 P. 64
	.....SEP 03 P. 22
	.....SEP 17 P. 22
	.....NOV 26 P. 44
	.....MAR 05 P. 9
	.....MAY 07 P. 63
	.....FEB 12 P. 1
	.....MAY 21 P. 54
	.....JUL 16 P. 44
	.....SEP 10 P. 71
	.....SEP 24 P. 26
	.....OCT 08 P. 31
	.....DEC 10 P. 40
	.....FEB 26 P. 1
	.....FEB 26 P. 75
E NO GUARANTEES	.....MAR 19 P. 6
	.....MAR 26 P. 6
	.....APR 02 P. 7
ES	.....MAY 14 P. 1
1974	.....NOV 12 P. 4
	.....JAN 29 P. 58
	.....MAY 07 P. 87
	.....JUN 04 P. 25
	.....AUG 06 P. 44
	.....AUG 27 P. 13
CLIMBING COSTS	.....FEB 12 P. 6
	.....APR 09 P. 58
POSTLARVAL AQUATIC ANIMALS REPORTED	.....APR 16 P. 35
	.....APR 30 P. 33

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

CATFISH SYNDROME TRACED TO DEFICIENCY OF VITAMIN C
ARTIFICIALLY FED FISH GROW LARGER BUT TASTE BLAND
USE OF DRIED SLUDGE FROM PAPER PROCESSING WASTES IN TROUT DIET

FOOD MARKETING
BIGGER ROLE FOR AGRICULTURE SEEN IN U.S., FOREIGN AFFAIRS
NIXON: WHITE HOUSE HAS MEANS TO DRIVE DOWN FOOD COSTS, BUT WI
MEAT PRICES PEAKING OUT, WILL BEGIN MODERATING
PER CAPITA FOOD CONSUMPTION EXPECTED TO REACH NEW HIGH IN 1973
FEBRUARY RED MEAT PRODUCTION DOWN 5% FROM '72
MEAT PRICES OVERSEAS RISING FASTER THAN HERE
SPREADING THE FACTS
FARM PRODUCTION OF MEAT ANIMALS INCREASED IN 1972
MARCH MEAT PRODUCTION DOWN FROM LAST YEAR
APRIL RED MEAT OUTPUT DOWN 12%
USDA REPORTS ON FOOD PRICE OUTLOOK, PROSPECTS FOR CROP, LIVEST
IOWA PROMOTES MEAT AT RETAIL GATHERING
MAY POULTRY MEAT OUTPUT UP FROM LAST YEAR
JUNE BEEF, PORK OUTPUT OFF 9% FROM YEAR AGO
SECOND HALF MEAT OUTPUT SEEN STEADY TO LOWER
SAYS HIGH FOOD PRICES 'NEED NO APOLOGY'
JULY RED MEAT PRODUCTION SAME AS YEAR EARLIER
BUTZ DEFENDS PRICE OF FOOD
AUGUST RED MEAT PRODUCTION 14% BELOW LAST YEAR
RED MEAT PRODUCTION SHOWS SHARP DROP DURING SEPTEMBER, USDA SA
FOOD CONSUMPTION TAKES SHARPEST FALL IN 15 YEARS
VOLUME OF RED MEAT OFF, POULTRY UP IN OCTOBER
CALIFORNIA STRIKE GIVES PROBLEMS TO POULTRY MARKETERS

FOOD PURCHASES
CHICKEN EXPORT BIDS
USDA PURCHASES CHICKEN
CHICKEN PURCHASES
USDA BUYS CHICKENS
USDA PURCHASES CHICKEN
USDA BUYS BONED POULTRY
USDA PURCHASES CHICKEN
USDA PURCHASES POULTRY
USDA TO BUY TURKEYS
USDA BUYS CHICKEN
USDA BUYS BONED POULTRY
USDA PURCHASES CHICKEN
USDA PURCHASES TURKEY
USDA BUYS POULTRY
USDA ENDS CHICKEN PURCHASING PROGRAM
USDA BUYS TURKEY
USDA PURCHASES CHICKEN
TURKEY PURCHASES ENDED
USDA TO BUY EGG MIX
USDA BUYS POULTRY
CANNED POULTRY PURCHASE
USDA BUYS EGG MIX
EGG MIX PURCHASES
USDA BUYS POULTRY
EGG MIX PURCHASES
POULTRY PURCHASED
POULTRY PURCHASED
POULTRY OFFER RENEWED

T INDEX
973

	.....APR 30 P. 37
	.....AUG 13 P. 40
IETS	.....DEC 10 P. 28
	.....FEB 12 P. 1
WILL TAKE TIME	.....FEB 26 P. 4
	.....MAR 26 P. 1
973, SAYS USDA	.....APR 02 P. 30
	.....APR 09 P. 9
	.....APR 23 P. 10
	.....MAY 07 P. 33
	.....MAY 07 P. 80
	.....MAY 14 P. 40
	.....JUN 04 P. 52
ESTOCK OUTPUTS	.....JUN 25 P. 8
	.....JUN 25 P. 70
	.....JUL 09 P. 6
	.....JUL 30 P. 1
	.....AUG 06 P. 1
	.....AUG 13 P. 18
	.....SEP 03 P. 7
	.....SEP 10 P. 6
	.....OCT 01 P. 6
SAYS	.....NOV 12 P. 12
	.....DEC 03 P. 4
	.....DEC 03 P. 5
	.....DEC 17 P. 6
	.....JAN 01 P. 2
	.....JAN 08 P. 11
	.....JAN 08 P. 64
	.....JAN 15 P. 29
	.....JAN 22 P. 6
	.....JAN 29 P. 37
	.....FEB 12 P. 7
	.....FEB 26 P. 69
	.....MAR 05 P. 6
	.....MAR 05 P. 7
	.....MAR 12 P. 67
	.....MAR 12 P. 74
	.....APR 02 P. 44
	.....APR 09 P. 76
	.....APR 09 P. 76
	.....APR 23 P. 7
	.....APR 23 P. 7
	.....APR 30 P. 2
	.....APR 30 P. 9
	.....MAY 07 P. 114
	.....MAY 14 P. 6
	.....MAY 14 P. 6
	.....MAY 21 P. 69
	.....MAY 28 P. 46
	.....MAY 28 P. 46
	.....JUN 11 P. 54
	.....JUL 02 P. 17
	.....JUL 16 P. 7

USDA TO BUY GROUND TURKEY FOR PROGRAM
USDA OFFERS TO BUY TURKEY
USDA BUYS POULTRY
1973 FOOD PRICES SEEN AVERAGING 20% OVER 1973
USDA BUYS POULTRY
USDA TO RESUME BUYING EGG MIX
USDA TO SET FOOD WEIGHT REQUIREMENTS
USDA BUYS TURKEYS
USDA BUYS POULTRY
USDA OFFERS TO BUY CUT-UP CHICKENS
EGG MIX PURCHASE
TURKEY PURCHASED
TURKEYS PURCHASED
USDA BUYS TURKEYS
USDA BUYS CHICKENS
USDA BUYS POULTRY
USDA BUYS CHICKEN
USDA BUYS MORE POULTRY PRODUCTS
CHICKEN PURCHASE
USDA BUYS TURKEY
USDA BUYS CHICKEN
EGG MIX PURCHASE
CHICKEN, EGGS BOUGHT FOR FEDERAL PROGRAMS
USDA BUYS POULTRY
TURKEY PURCHASED
FINAL EGG MIX ORDER
CHICKEN PURCHASE
USDA BUYS TURKEY, TERMINATES PROGRAM
USDA BUYS CHICKEN
USDA BUYS POULTRY
OFFERS REJECTED

FORCE MOLTING
FORCED MOLTING, MOLT COMPLETED UP IN 17 STATES
FORCED MOLT DOWN IN 17 STATE SURVEY
FORCED MOLTINGS UP IN 17 STATES
APRIL FORCED MOLT, MOLT COMPLETED UP
FORCED MOLTING DATA RELEASED
FORCED MOLTING DOWN FOR PERIOD
FORCE MOLTINGS, ON DECLINE
FORCED MOLTING, MOLT COMPLETED DOWN FOR PERIOD
FORCED MOLTING DOWN IN PERIOD
FORCED MOLTING, MOLT COMPLETED DOWN IN PERIOD

FUEL
NIXON MOVES TO EASE FUEL SHORTAGE
AGRICULTURE GETS TOP PRIORITY FOR FUEL UNDER GOVERNMENT ALLOCA
FUEL FIRMS UNPREPARED FOR PRIORITY ALLOCATION PROGRAMS
FARMERS ASKED TO REPORT SHORTAGES OF FUEL TO ASCS
FUEL SUPPLIES TO BECOME SCARCER BY HARVEST
SENATE PASSES BILL REQUIRING MANDATORY FUEL DISTRIBUTION PLAN
FUEL SHORTAGE IN AGRICULTURE PROMPTS CALL FOR CONTROLS
CORN REFINERS, PURDUE TO SPONSOR ENERGY MEETING
NATURAL GAS SUPPLIES CUT FOR DEHYDRATORS
ILLINOIS FACES NATURAL, PROPANE GAS SHORTAGE
GROUP CALLS FOR ACTION ON FUEL ALLOCATION PLAN
GOVERNMENT MUST ENSURE ADEQUATE SUPPLY OF FUEL FOR AGRICULTURE
WISCONSIN DRAFTS EMERGENCY FUEL ORDER

T INDEX
973

.....JUL 23 P. 42
.....JUL 30 P. 6
.....JUL 30 P. 65
.....AUG 13 P. 5
.....AUG 13 P. 21
.....AUG 20 P. 45
.....AUG 20 P. 46
.....AUG 20 P. 47
.....AUG 20 P. 48
.....AUG 27 P. 75
.....SEP 03 P. 6
.....SEP 03 P. 7
.....SEP 03 P. 34
.....SEP 10 P. 78
.....SEP 10 P. 83
.....SEP 10 P. 84
.....SEP 17 P. 46
.....SEP 24 P. 6
.....OCT 01 P. 6
.....OCT 08 P. 46
.....OCT 08 P. 49
.....OCT 15 P. 28
.....OCT 29 P. 47
.....NOV 05 P. 5
.....NOV 05 P. 6
.....NOV 05 P. 50
.....NOV 12 P. 50
.....NOV 19 P. 49
.....DEC 10 P. 6
.....DEC 10 P. 50
.....DEC 24 P. 30

.....FEB 12 P. 7
.....MAR 05 P. 21
.....APR 02 P. 16
.....APR 30 P. 7
.....JUL 02 P. 17
.....JUL 30 P. 6
.....AUG 27 P. 6
.....OCT 01 P. 7
.....NOV 05 P. 7
.....DEC 03 P. 6

.....APR 23 P. 2
OCATION PLAN .....MAY 21 P. 1
.....MAY 21 P. 2
.....MAY 28 P. 2
.....JUN 04 P. 1
AN .....JUN 11 P. 2
.....JUN 18 P. 2
.....AUG 06 P. 4
.....AUG 13 P. 47
.....AUG 20 P. 4
.....AUG 20 P. 6
URE .....AUG 27 P. 2
.....AUG 27 P. 6

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

FUEL EXPERT SEES HIGHER PRICES FOR NEXT 3-10 YEARS
HEARINGS HELD ON MANDATORY FUEL ALLOCATION
ILLINOIS FACES FUEL, STORAGE SHORTAGES
NEPPCO FAVORS FUEL ALLOCATION
AFMA ASKS FOR FUEL ALLOCATIONS BY GOVERNMENT
NO MANDATORY FUEL PLAN YET
STUDY: FUEL SHORTAGE THIS WINTER COULD RESULT IN 'ECONOMIC CR
WARNING GIVEN ON MOVING, STORING LP GAS
AGRICULTURAL NEEDS HAVE TOP PRIORITY UNDER MANDATORY FUEL ALLO
DIESEL, FUEL OIL ALLOCATION ORDERED
AGRIBUSINESSES CAN EXPECT FUEL SHORTAGE DESPITE ALLOCATION PLA
CO-OP PRESIDENT SEES CONTINUED SQUEEZE ON PETROLEUM PRODUCTS
FUEL SHORTAGE NOW AT 'CRISIS' STAGE, U.S. ENERGY CHIEF WARNS
TRADE EXPECTS SERIOUS FUEL SHORTAGES
CONCERNED ABOUT FUEL NEEDS
OPINIONS VARY WIDELY ON ENERGY CRISIS SERIOUSNESS
CONGRESS SPEEDS ACTIVITIES ON ENERGY CRISIS LEGISLATION
BUTZ: FARM FUEL NEEDS WILL BY UP 3-4% IN 1974
AFMA NAMES ENERGY CRISIS COMMITTEE; ENERGY BILLS STALLED IN CO
SHORTAGES OF DIESEL FUEL SAID MOST CRITICAL FOR POULTRY PRODUC
ANTIBIOTICS, PLASTICS INDUSTRIES 'FEELING SQUEEZE' OF OIL SHOR
AGRICULTURE AMONG THOSE TO ADVISE U.S. ON ENERGY
FARM ENERGY SYMBOL
AGRICULTURE GETS CATEGORY 2 STATUS UNDER FUEL PLAN
ENERGY BILL IN SENATE
EVERY STEP WILL BE TAKEN TO SUPPLY FARM FUEL NEEDS
NEW ALLOCATION PROGRAMS FOR MIDDLE DISTILLATES, PROPANE DELAYE
GEORGIANS ASSESSING FUEL SHORTAGE EFFECTS

FUTURES TRADING
COMMODITIES FUTURE TRADING IN 1972 SETS NEW RECORD
MERCANTILE BREAKS 11 MONTH RECORD
COMMODITY EXPERT EVALUATES NEEDS OF FUTURES MARKET
FUTURES TRADING STILL IMPORTANT: YEUTTER
USDA SEEKS TO PROHIBIT FUTURES 'PUTS,' 'CALLS'
BOARD OF TRADE HAS RECORD MONTH
RECOGNIZING TRENDS SAID KEY TO COMMODITY TRADING
CBT REMOVES JULY SOY LIMIT, UPS CORN, WHEAT AND SOYBEAN MARGIN
CBT SETS TRADING RECORDS IN MAY
FUTURES TRADING RESTRICTIONS ON SOYBEANS, MEAL
FUTURES MARKET AN EASY TARGET FOR ATTACK, GRAIN DEALERS TOLD
BOARD OF TRADE HAS RECORD HALF
CONTRACT MARKET RULE ENFORCEMENT PROPOSAL PUBLISHED
WHEAT FUTURES HIG 26-YEAR HIGH
TRADING VOLUME IN AG COMMODITIES REACH RECORD HIGH FOR FISCAL
DAILY WHEAT FUTURES TRADE LIMITS HIKED
USDA REPORT ANALYZES 1972 TRADING ON CBT
MARGINS, TRADING LIMITS CHANGED
ECONOMISTS SEEK GRAIN FUTURES DELIVERY CHANGE
CEA SEEKS CHANGE IN TRADING DATA REPORTING
SOYBEAN TRADING LIMITS, MARGINS REDUCED BY CBT
CBT REPORTS VOLUME GAIN FOR CORN, BROILERS
PRICING ACTION RECOMMENDED TO 'FIX' POULTRY PRODUCER MARGINS
MORE DELIVERY POINTS FOR CORN, SOYBEAN FUTURES NEAR
COMMODITY EXPERTS OFFER TIPS AT NBC WORKSHOP
CORN, SOYBEAN MULTIPLE-DELIVERY POINTS VOTED
BOARD OF TRADE REDUCES MARGINS
'PUTS' AND 'CALLS' TO BE RESTRICTED

T INDEX
973

	.....AUG 27	P.	6
	.....SEP 10	P.	1
	.....SEP 17	P.	7
	.....SEP 17	P.	25
	.....SEP 17	P.	46
	.....OCT 01	P.	4
CRISIS'	.....OCT 01	P.	53
	.....OCT 01	P.	54
LLOCATION PROGRAM	.....OCT 08	P.	1
	.....OCT 15	P.	67
PLAN, PRODUCERS TOLD	.....OCT 22	P.	7
S	.....OCT 22	P.	32
S	.....OCT 29	P.	1
	.....NOV 12	P.	1
	.....NOV 12	P.	4
	.....NOV 19	P.	2
	.....NOV 26	P.	6
	.....NOV 26	P.	60
CONGRESS	.....DEC 03	P.	1
DUCERS	.....DEC 03	P.	7
HORTAGE	.....DEC 10	P.	1
	.....DEC 10	P.	1
	.....DEC 10	P.	3
	.....DEC 17	P.	1
	.....DEC 24	P.	2
	.....DEC 24	P.	6
AYED	.....DEC 31	P.	1
	.....DEC 31	P.	2
	.....JAN 08	P.	59
	.....JAN 15	P.	8
	.....FEB 05	P.	66
	.....FEB 12	P.	6
	.....MAR 19	P.	52
	.....APR 02	P.	43
	.....APR 30	P.	4
GINS	.....JUN 04	P.	4
	.....JUN 18	P.	42
	.....JUN 25	P.	1
D	.....JUN 25	P.	4
	.....JUL 16	P.	52
	.....JUL 16	P.	53
	.....JUL 23	P.	41
AL YEAR	.....JUL 30	P.	64
	.....AUG 06	P.	51
	.....AUG 13	P.	5
	.....AUG 20	P.	46
	.....AUG 27	P.	1
	.....SEP 03	P.	23
	.....SEP 03	P.	43
	.....SEP 17	P.	12
S	.....SEP 24	P.	23
	.....OCT 01	P.	4
	.....OCT 01	P.	8
	.....OCT 22	P.	49
	.....OCT 29	P.	4
	.....OCT 29	P.	48

REPORTING REVISIONS PROPOSED BY USDA
SOME FUTURES MARKET CHANGES CITED AS HARMFUL
PROTECTION OF SPECULATORS KEY NEED FOR HEALTHY FUTURES MARKETS
UEP APPLAUDS CME APPROVAL OF EGG CONTRACT

GAME BIRDS
INSPECTION OF GAME BIRDS SEEN
FLORIDA GAMEBIRD MEETING COVERS MANY TOPIC AREAS
GAMEBIRD REPRODUCTION
FEEDING GAME BIRDS

GOAT FEEDING
DEMAND FOR SPANISH GOAT MEAT GROWS

GOAT NUTRITION
ANGORA GOAT RATIONS

GOATS
REPLACING BEEF WITH GOAT

GRAIN
SHIPPING PROBLEMS, RELUCTANCE TO ISSUE ORDERS HAMPER SALES OF
FEED GRAIN SUPPLIES PLENTIFUL, BUT DISTRIBUTION PROBLEMS CAUSE
WORLD AG PRODUCTION HURT BY ADVERSE WEATHER IN 1972
GRAIN MEN, USDA DISCUSS STANDARDS
CCC CORN, MILO AND WINTER WHEAT TO BE MARKETED
CORN BELT MOVES CLOSER TO COMPLETING HARVEST, BUT CAR, FUEL SH
IOWA SEN. CLARK CLAIMS CCC GRAIN SALES BENEFIT BIG TRADERS AT
PLANTING INTENTIONS, NEW CROP FIGURES MAY LEAD TO REVISION OF
SOYBEAN SEED SHORTAGE REPORTED IN SOME AREAS
PLANTING INTENTIONS, NEW CROP FIGURES MAY LEAD TO REVISION OF
CALIFORNIA ALLOWS EXTENSION OF CORN BORER FUMIGATION
BUTZ URGED TO CANCEL GOVERNMENT GRAIN SALE ORDERS
KANSAS ELEVATORS SAY CCC ORDERS ADD TO CAR SHORTAGE
FALL QUARTER FEED GRAIN, SOYBEAN DISAPPEARANCE UP SHARPLY, STO
USDA PLANS SPECIAL POST-HARVEST SURVEY
OCT. 1 CARRYOVER COULD DROP BY 25%; GRAIN PRICES MAY EASE
GOVERNMENT GRAIN LOANS FOR ALL CROP YEARS TO BE TERMINATED UPO
USDA TO ISSUE CROP SURVEY RESULTS
USDA INCREASES FOREIGN FEED GRAIN PRODUCTION ESTIMATE TO 389.3
USDA SEES DEMAND AS PRIMARY FACTOR AFFECTING 1973 FEED GRAIN P
MIDWEST GRAIN MOVING TO EAST
GROUPS TO CONDUCT JOINT RESEARCH ON GRAIN SENSORS
USDA REPORTS SIGN-UPS FOR FEED GRAINS PROGRAM
USDA REPORTS ON WORK WITH AFLATOXIN TEST, GRAIN INSPECTION
CCC LOANS, INVENTORIES TOTALED TO $3.1 BILLION ON LAST JAN. 1
PLANTING INTENTIONS SHOW 14.5% HIKE FOR BEANS, 7% FOR CORN
FINAL 1972 CROP REPORT DIFFERS SLIGHTLY FROM JANUARY
FEED GRAIN PROGRAM SIGNUP RATE LAGS BEHIND LAST YEAR
SET-ASIDE REACHES 76,190,676 ACRES THROUGH MARCH 16
CORN UNDER LOAN ONLY HALF OF 1972
CCC STOCKS OF CORN, SORGHUM DOWN FROM 1972
USDA PREDICTS '73 FEED GRAIN CROP WILL TRAIL YEAR'S NEEDS
FUEL SHORTAGE EFFECTS ON CROPS REPORTED AT ENERGY MEETING
RECORD NUMBER OF FARMS ENROLL FOR FEED GRAIN PROGRAM
CONTINUED STRONG DEMAND, HIGH PRICES PREDICTED FOR FEED GRAINS
FEED GRAIN STOCKS OFF 6% FROM YEAR AGO, SOYBEANS STOCKS DOWN 8
PROSPECTS GOOD FOR 1973 GRAIN CROPS IN WESTERN EUROPE

T INDEX
973

	.....NOV 19 P. 46
	.....DEC 10 P. 2
ETS	.....DEC 24 P. 2
	.....DEC 31 P. 2
	.....JUN 11 P. 20
	.....JUN 11 P. 43
	.....JUL 02 P. 16
	.....AUG 20 P. 26
	.....MAY 21 P. 16
	.....OCT 22 P. 16
	.....JUN 04 P. 21
OF CCC-OWNED CORN	.....JAN 01 P. 2
USE PRICE, AVAILABILITY WOES	.....JAN 01 P. 7
	.....JAN 01 P. 14
	.....JAN 01 P. 27
	.....JAN 08 P. 1
SHORTAGES PERSIST	.....JAN 15 P. 1
AT FARMERS' EXPENSE	.....JAN 15 P. 4
OF FEED GRAIN PROGRAM	.....JAN 22 P. 1
	.....JAN 22 P. 1
OF FEED GRAIN PROGRAM	.....JAN 22 P. 1
	.....JAN 22 P. 2
	.....JAN 22 P. 2
	.....JAN 22 P. 6
STOCKS OFF	.....JAN 29 P. 1
	.....JAN 29 P. 82
	.....FEB 12 P. 1
UPON MATURITY	.....FEB 12 P. 2
	.....FEB 19 P. 2
9.3 MILLION TONS	.....FEB 19 P. 15
N PRICES	.....FEB 26 P. 1
	.....FEB 26 P. 41
	.....FEB 26 P. 70
	.....MAR 05 P. 2
	.....MAR 12 P. 9
1	.....MAR 12 P. 47
	.....MAR 19 P. 1
	.....MAR 19 P. 2
	.....MAR 19 P. 6
	.....MAR 26 P. 4
	.....MAR 26 P. 4
	.....APR 02 P. 5
	.....APR 09 P. 6
	.....APR 16 P. 2
	.....APR 16 P. 4
INS, SOYBEAN MEAL	.....APR 16 P. 6
N 8%	.....APR 30 P. 1
	.....APR 30 P. 66

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

CCC TOTAL INVESTMENT IN LOANS, INVENTORIES DOWN SUBSTANTIALLY

FLAXSEED LOAN RATES ANNOUNCED BY USDA
INSECT CONTROL WORK REPORTED
SPOKANE REDUCES TAX ON WHOLESALE GRAIN DEALERS

SMALLER CORN CROP, MORE SOYBEANS REVERSING PRICE WORRIES, AFMA
AG MARKET REACTS TO WET WEATHER, INPUT SHORTAGES
PLANTING BEHIND SCHEDULE IN MOST AREAS OF COUNTRY

USDA EXPECTS TOTAL 1972-73 FEED GRAIN USAGE TO HIT 212 MILLION
USDA REPORTS CCC LOAN DATA THROUGH APRIL
USDA INCREASES ASCS LOAN FEES

CORN BELT STATES REPORT PROGRESS IN MAY PLANTINGS
CCC VOTES TO ALLOW CO-OPS TO GET GRAIN LOANS
USDA APPROVES DISTRESS GRAIN LOAN PROGRAM

COMMENT DEADLINE ON CROP LIST EXTENDED
PRIVATE SURVEY REPORTS CORN, SOYBEAN OUTLOOK
HIERONYMUS SKEPTICAL OF U.S. FEED GRAIN SHORTAGE FEARS

CANADIAN SOYBEAN ACREAGE UP 9%; FEED GRAIN SUPPLY REPORTED DOW
MISSISSIPPI LOOKS FOR GOOD CROPS DESPITE FLOODS
USDA SPOKESMEN BULLISH AS REPORT PREDICTS BUMPER SOYBEAN, GRAI

LESLIE ESTIMATES ACREAGE INCREASE
USDA PREDICTS POSSIBLE RECORD 1973 GRAIN PRODUCTION IN USSR
SUPPORT LOAN RATES UNCHANGED FOR CORN

FEED GRAIN STOCKS 17% BELOW YEAR AGO; RECORD USAGE FOR APRIL-J
USDA CONTINUES TO SEE GOOD USSR GRAIN CROP PROSPECTS
USDA CORRECTS GRAIN FIGURES

USDA REPORTS DECLINE OF ALL GRAIN UNDER LOAN
LOWER CORN, SOYBEAN ESTIMATES TRIGGER SPECULATION ABOUT GRAIN
HARVEST SHOULD SATISFY DOMESTIC, EXPORT DEMANDS

GRAIN STOCKS, POSITIONS OUTLINED
USDA ANNOUNCES PRODUCTS ELIGIBLE FOR CCC CREDIT
CARGILL EXEC WANTS TRADE LIBERALIZED, GRAIN RESERVES
DOMESTIC, FOREIGN DEMAND LOWERS FEED GRAINS SUPPLIES
WORLD GRAIN PROSPECTS REPORTED GOOD
MANITOBA AGAINST NEW CANADIAN FEED GRAIN PLAN

SEEKS NEW TEST FOR MOLD CONTAMINATION
517 BILLION BUSHEL CORN CROP SEEN; CORN GROWER GROUP LESS OPTI
FEED CONCENTRATE SUPPLIES EXPECTED TO BE OFF 2%

USDA REPORT OPTIMISTIC ABOUT WORLD GRAIN OUTLOOK
USDA TO REPORT MARKET SENSITIVE ESTIMATE CHANGES
FEED GRAIN, SOY CROP PROSPECTS IMPROVE

8 MILLION MORE ACRES OF FEED GRAINS, SOYBEANS PREDICTED FOR NE
USDA OPTIMISTIC ABOUT HANDLING NEW GRAIN CROP
BUTZ ASKS COOPERATION IN AVOIDING POSSIBLE FERTILIZER SHORTAGE

USDA OFFERS GRAIN AT REDUCED PRICES
EMERGENCY FEED OFFERED
GRAIN UNDER LOAN DROPS SHARPLY, USDA REPORTS

TIGHT SUPPLIES, STRONG PRICES SEEN FOR GRAINS IN COMING YEAR
CORN CROP ESTIMATE DIPS SLIGHTLY, BUT FEED GRAIN TOTAL OUTPUT
CCC INVENTORIES, LOANS REPORTED DOWN FOR JULY

FEASIBILITY AND MARKET POTENTIAL OF ON-LINE NEUTRON ACTIVATION
FEED GRAIN STOCKS DOWN SHARPLY FROM LAST YEAR
HUGE RUSSIAN WHEAT CROP, QUALITY OF U.S. CORN MAY EASE TIGHT S

WORLD FEED GRAIN SUPPLIES SHOW 'SUBSTANTIAL INCREASE'
USDA EXPECTS '73 SOVIET CROP TO SET RECORD
OCT. 1 GRAIN STOCKS SHOWN

1973-74 GRAIN SUPPLIES IMPROVED BUT INCREASED USE TO PUSH PRIC
FEED GRAIN, SOYBEAN PROSPECTS DIPPED SLIGHTLY IN PAST MONTH, U
LOWER U.S. FEED GRAIN SUPPLIES SEEN IN 1974

T INDEX
973

LY FROM YEAR EARLIER	.....MAY 07	P.	8
	.....MAY 07	P.	74
	.....MAY 07	P.	84
	.....MAY 07	P.	104
FMA TOLD	.....MAY 14	P.	1
	.....MAY 21	P.	2
	.....MAY 21	P.	53
ION TONS, UP 10%	.....JUN 04	P.	4
	.....JUN 11	P.	4
	.....JUN 11	P.	45
	.....JUN 11	P.	52
	.....JUN 18	P.	1
	.....JUN 18	P.	42
	.....JUN 25	P.	7
	.....JUN 25	P.	77
	.....JUL 09	P.	2
DOWN	.....JUL 09	P.	2
	.....JUL 09	P.	47
RAIN HARVESTS	.....JUL 16	P.	1
	.....JUL 16	P.	54
	.....JUL 23	P.	2
	.....JUL 23	P.	16
L-JUNE	.....JUL 30	P.	1
	.....AUG 06	P.	2
	.....AUG 06	P.	5
	.....AUG 06	P.	38
IN EXPORT CONTROLS	.....AUG 13	P.	1
	.....AUG 13	P.	2
	.....AUG 13	P.	5
	.....AUG 13	P.	37
	.....AUG 20	P.	2
	.....AUG 27	P.	1
	.....AUG 27	P.	5
	.....SEP 03	P.	23
	.....SEP 03	P.	34
PTIMISTIC	.....SEP 10	P.	1
	.....SEP 10	P.	2
	.....SEP 10	P.	6
	.....SEP 10	P.	6
	.....SEP 17	P.	1
NEXT CROP YEAR	.....SEP 17	P.	1
	.....SEP 17	P.	1
AGE	.....SEP 24	P.	4
	.....SEP 24	P.	18
	.....SEP 24	P.	40
	.....SEP 24	P.	52
R	.....OCT 08	P.	33
UT GAINS	.....OCT 15	P.	1
	.....OCT 15	P.	55
ION ANALYSIS OF CEREAL GRAINS FOR PROTEIN	.....OCT 22	P.	23
	.....OCT 29	P.	1
T SUPPLIES	.....NOV 05	P.	1
	.....NOV 05	P.	2
	.....NOV 05	P.	2
	.....NOV 05	P.	7
RICES UP	.....NOV 05	P.	9
, USDA REPORTS	.....NOV 12	P.	1
	.....NOV 19	P.	2

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

WORLD GRAIN PRICES LINKED TO INCREASED MONEY SUPPLY
USDA SEES TIGHT SUPPLY, DEMAND OUTLOOK FOR FEED GRAINS IN 1973
EFFECTS OF FERTILIZER AVAILABILITY ON '74 GRAIN CROPS ASSESSED
EMERGENCY FEED OFFERED
SPECIALISTS PREDICT TIGHT FEED GRAIN STOCKS IN 1974
CCC COMMODITY LOANS, INVENTORIES DOWN IN PERIOD
USDA PLANS SPECIAL FARM PLANTING REPORT
LOWER GRAIN SUPPLIES FOR 1973-74 PREDICTED BY USDA
BRUNTHAVER: 1974 CROP PRICE OUTLOOK GOOD
TIGHT SUPPLY, DEMAND SEEN FOR FEED GRAINS
NEW CROP CORN SUPPORT LOANS UP FROM 1972
WORLD AG PRODUCTION SETS RECORD HIGH IN 1973

GRAIN ELEVATORS
OFF-FARM GRAIN STORAGE CAPACITY UP
PROBLEMS STILL HAUNT IOWA ELEVATOR OPERATORS
GRAIN FACILITY BEGUN AT TULSA
COUNTRY ELEVATORS FACING HEAVY CREDIT NEEDS SOON
GRAIN DEALERS UNABLE TO BUY GOVERNMENT GRAIN
IOWA ELEVATORS EXPANDING STORAGE, DRYER CAPACITIES TO HANDLE C
ELEVATORS CAN LOOK FORWARD TO RAPID AND SWEEPING CHANGES, GRAI
IF COUNTRY ELEVATOR OPERATORS SURVIVE 1973, FUTURE LOOKS BRIGH

GRAIN HANDLING
LOW OXYGEN ATMOSPHERE CALLED POSSIBLE ALTERNATIVE TO FUMIGATIO
WISCONSIN FARMERS UNION TO STUDY GRAIN FACILITIES
ENGINEER ADVISES LOW TEMPERATURE DRYING
ISU ECONOMIST SUGGESTS CHANGES IN CORN GRADING AND PRICING
USDA: LOW AIR VELOCITY IN CONVEYORS HELPS SAVE CORN
GRAIN HANDLING, STORAGE RATES INCREASED BY CCC
USE OF RADIATION TO STERILIZE INSECTS IN STORED GRAIN WORKS IN
CANADIAN SCIENTISTS DEVELOP GRAIN INSECT WARNING DEVICE
PROPER AERATION PRACTICES OUTLINED FOR DRYING CORN
ELEVATOR OPERATORS HEAR GRAIN DRYING SUGGESTIONS
TEXAS TO DEVELOP GRAIN MOISTURE TEST
NEBRASKA GRAIN DRYING AND STORAGE SYSTEMS SURVEYED
USING SOLAR ENERGY

GRAIN MERCHANDISING
GRAIN MARKETING OPPORTUNITIES FOR ELEVATORS OUTLINED AT NGFA E
SCIENTISTS FIND THAT TEST WEIGHT OF NEW CORN INCREASES AS MOIS
GRAIN MEN URGED TO SHARPEN MARKETING, PRICE KNOWLEDGE
BETTER MANAGEMENT OF TEXAS CO-OPS CALLED FOR
MISSOURI GRAIN PRODUCERS MARKET PRACTICES SURVEYED
INDIANA GROUP SUGGESTS CONTRACT, SECURITY FORMS

GRAIN PRESERVATIVES
MOLD INHIBITORS DISCUSSED AT FEED CONFERENCE
TESTS WITH PROPIONIC AND ACETIC ACIDS AS GRAIN PRESERVATIVES
PENN SCIENTISTS SAY ACID-TREATED GRAINS AID IN STORING, INCREA
CHEMICAL GRAIN PRESERVATIVE POTENTIAL DISCUSSED AT SYMPOSIUM
PROPIONIC, ACETIC ACID SAID NOT TO ALTER GRAIN RATE
ACID TREATMENT OF GRAIN DEPENDS ON COST FACTORS

GRAIN PROCESSING
NEW GRAIN PROCESSING UNIT CREDITED WITH UPSWING IN RETAIL FEED
NEBRASKAN RECOMMENDS FLAKING MILO, SHELLED CORN FOR BEEF
FEEDLOT USING TWO METHODS OF GRAIN CONDITIONING

T INDEX
973

	.....NOV	19 P.	48
973-74	.....NOV	26 P.	5
SED FOR BANKERS	.....NOV	26 P.	11
	.....NOV	26 P.	43
	.....DEC	10 P.	3
	.....DEC	10 P.	50
	.....DEC	17 P.	1
	.....DEC	17 P.	3
	.....DEC	24 P.	1
	.....DEC	24 P.	6
	.....DEC	24 P.	27
	.....DEC	31 P.	16
	.....MAY	14 P.	22
	.....JUL	09 P.	31
	.....JUL	16 P.	39
	.....AUG	13 P.	8
	.....AUG	13 P.	49
E CROPS	.....AUG	20 P.	2
RAIN MEN TOLD	.....NOV	12 P.	2
IGHTER	.....DEC	10 P.	1
TION FOR STORED GRAIN	.....JAN	15 P.	7
	.....MAR	05 P.	46
	.....APR	02 P.	34
	.....APR	09 P.	9
	.....APR	30 P.	73
	.....MAY	28 P.	1
IN USDA TESTS	.....MAY	28 P.	5
	.....JUN	11 P.	39
	.....AUG	13 P.	30
	.....SEP	03 P.	2
	.....SEP	03 P.	34
	.....OCT	29 P.	25
	.....DEC	10 P.	5
A ELEVATOR COUNCIL MEETING	.....JAN	08 P.	10
OISTURE REDUCED	.....MAR	05 P.	38
	.....APR	02 P.	2
	.....APR	30 P.	6
	.....JUN	11 P.	4
	.....AUG	20 P.	3
	.....FEB	05 P.	55
S	.....FEB	26 P.	37
REASE FEED EFFICIENCY	.....MAY	07 P.	108
M	.....JUL	09 P.	6
	.....AUG	20 P.	4
	.....SEP	24 P.	1
EED BUSINESS	.....JAN	22 P.	26
	.....FEB	05 P.	25
	.....FEB	19 P.	18

PROCESSED WHOLE SOYBEANS IN COMMERCIAL LAYER DIETS
HEAT PROCESSED SOYBEANS SAID SATISFACTORY FOR LAYER RATIONS
WARNING TOLLED ON ROASTED SOYBEANS FROM TREATED SOIL
RESULTS FROM EXAMINING UREA-CONTAINING PROTEIN SUPPLEMENTS BY
PROGRESS IN GRAIN PROCESSING
INCONSISTENCIES IN LABORATORY EVALUATION OF GRAIN PROCESSING

GRAIN RESERVES
USDA DESIGNATES RESERVE FOR OATS
VALUE OF CCC LOANS, INVENTORIES DROP TO $1.2 BILLION IN AUGUS
NGFA SUPPORTS GRAIN RESERVE
CCC INVENTORIES AND LOANS DOWN FOR SEPTEMBER

GRAIN SORGHUM
FEEDING VALUE OF GRAIN SORGHUM MAY BE HIGHER THAN PREVIOUSLY
INCREASE IN MILO PRODUCTION URGED FOR SOUTHEAST
KSU SCIENTISTS OKAY KANSAS MILO

HAY
HAY PRODUCTION OFF FOR YEAR, DEMAND HEAVY

HEDGING
COMMODITY PURCHASES AND HEDGING
HEDGE FEED INGREDIENTS THROUGH JUNE, CARGILL ANALYST TELLS VI
IOWA GRAIN AND FEED MEN HOLD HEDGING WORKSHOP AT IOWA STATE

HIGH-LYSINE CORN
HIGH LYSINE COMPARED WITH NORMAL CORN IN SWINE RATIONS
SCIENTIST REPORTS ON PROGRESS WITH HIGH LYSINE CORN
HIGH LYSINE CORN TOPS WAXY, NORMAL IN ILLINOIS TESTS

HOG NUMBERS
CATTLE, HOG SUPPLIES DEVELOPING SLOWER THAN EXPECTED; POULTRY

HORMONES
PUBLIC WOULD SUPPORT DES USE IF FACTS KNOWN, IOWANS TOLD
REVIEW OF ORDER REVOKING DES IN FEEDS SOUGHT
HESS & CLARK REPORTS NEW DES TEST RESULTS
USDA STOPS DES CERTIFICATION PROGRAM
TEXAN INTRODUCES BILL TO RESCIND BAN ON DES IN FEEDS
DR. JUKES ARGUES AGAINST REMOVING DES FROM MARKET WITHOUT 'DU
BUTZ DEFENDS DES IN SPEECH BEFORE ENVIRONMENT WRITERS
MYSTERIOUS DES RESIDUES FOUND IN THREE LIVERS
VOLUNTARY RECALL OF DES ANNOUNCED
PROXMIRE URGES FDA TO STUDY FRENCH DES DATA
DES RESIDUE FOUND IN STEER LIVER SAMPLE
FDA: LATEST DES RESIDUES NOT TRACEABLE TO FEED
PETITION QUESTIONS FDA AUTHORITY IN DES BAN
YEUTTER WARNS OF ADDITIVE MISUSE
FUTURE OF DES IMPLANTS IN DOUBT
FDA BANS USE OF DES IMPLANTS, REJECTS REQUESTS FOR HEARING
'NO REAL HAZARD' ASSOCIATED WITH DES IN CATTLE MEAT, CANCER E
DES IMPLANT MANUFACTURERS, LIVESTOCK GROUPS IRRIATED WITH GOV
GROWTH PROMOTANT SIMILAR TO DES BEING INTRODUCED
LOSS OF STILBESTROL SAID TO REDUCE GAINS 1/4 LB. DAILY
NEW BEEF GROWTH STIMULANT, ESTRADIOL, PERFORMS EQUAL TO DES I
DRUG FIRMS ASK COURT TO STAY DES IMPLANT BAN
HORMONE TEST

CT INDEX
1973

	.....MAR 26 P. 32
S	.....APR 30 P. 6
	.....APR 30 P. 52
BY SCANNING ELECTRON MICROSCOPY	.....NOV 05 P. 25
	.....NOV 26 P. 19
NG	.....DEC 24 P. 16
	.....OCT 22 P. 4
DUST	.....OCT 22 P. 44
	.....OCT 29 P. 62
	.....NOV 12 P. 2
LY THOUGHT	.....APR 09 P. 62
	.....JUN 11 P. 21
	.....OCT 29 P. 47
	.....SEP 10 P. 4
	.....FEB 26 P. 33
VIRGINIA FEED MEN	.....MAR 05 P. 3
E	.....MAY 14 P. 5
	.....FEB 19 P. 22
	.....FEB 19 P. 22
	.....DEC 03 P. 5
TRY OUTPUT LESS CERTAIN	.....MAY 14 P. 4
	.....JAN 01 P. 2
	.....JAN 01 P. 27
	.....JAN 08 P. 1
	.....JAN 15 P. 4
	.....JAN 15 P. 5
'DUE PROCESS'	.....JAN 29 P. 26
	.....FEB 12 P. 4
	.....FEB 19 P. 4
	.....FEB 19 P. 4
	.....FEB 26 P. 25
	.....MAR 05 P. 2
	.....MAR 05 P. 4
	.....MAR 05 P. 4
	.....APR 09 P. 8
	.....APR 23 P. 1
	.....APR 30 P. 1
R EXPERT CLAIMS	.....APR 30 P. 2
GOVERNMENT'S HANDLING OF BAN	.....APR 30 P. 2
	.....APR 30 P. 4
	.....APR 30 P. 52
S IN ARIZONA TRIAL	.....MAY 07 P. 8
	.....JUN 11 P. 1
	.....AUG 13 P. 14

HORMONES USED TO CONTROL ANIMAL BEHAVIOR AT LSU
APPEALS COURT ORDERS STAY ON FDA BAN OF DES
GAINS REPORTED WITH NATURAL HORMONE IMPLANT
FDA DENIES DRUG FIRMS' REQUEST FOR DES IMPLANT HEARING
HORMONES USED TO BRING COWS INTO MILK PRODUCTION WITHOUT PREGN
HOUSE COMMITTEE REPORT CRITICIZES FDA

HORSE NUMBERS
TEXAS SPECIALIST CITES POTENTIAL IN HORSE INDUSTRY
HORSE FEEDS PRESENT GROWING PROFIT LINE FOR MANUFACTURERS, DEA

HORSE NUTRITION
FLORIDIANS BEGIN HORSE CENTER
SCIENTIST SAYS BALANCED RATION NEEDED TO FIGHT POOR HORSE BONE
MONTANA NUTRITION CONFERENCE EMPHASIZES WINTER NUTRITION OF BE
DIGESTION IN THE HORSE

HOUSING
AUTOMATING THE POULTRY HOUSE
AIR IN BROILER HOUSES
CROWDING TESTS
CHICK BROODING TEMPERATURE CHANGES RECOMMENDED
SLATTED FLOOR ADVANTAGES
EFFECTIVE POULTRY HOUSE VENTILATION CAN SAVE MONEY
GAS, ODOR CONTROL CALLED PROBLEM IN POULTRY PRODUCTION
ELIMINATE FLY BREEDING PLACES, POULTRYMEN TOLD
ECONOMICS OF HOUSING DAIRY COWS EVALUATED

IMPORTS
BRITISH EGG IMPORTS RAISE CONCERN
USDA BANS FRESH POULTRY MEAT IMPORTS
EGG INDUSTRY WARNS OF POSSIBLE PROBLEMS DUE TO IMPORTED EGGS
NIXON PLANS TO LIFT TARIFF ON IMPORTED BEEF
U.S. SAID TO BE OVER DEPENDENT ON FOREIGN SUPPLIES
USDA SAYS 1973 MEAT IMPORTS SHOULD HIT RECORD
COMMENTS ASKED ON RULE CHANGE IN LIVESTOCK IMPORTS
MILK PRODUCERS TO FIGHT IMPORTS
CANNED BEEF IMPORTS
USDA EASES RULE ON PORK IMPORTS
MEXICAN BEEF IMPORT CURB TO UP PRICES
IMPORT QUOTAS FOR DRIED MILK, FEED BEING INVESTIGATED
USDA STUDY ANALYZES FUTURE OF EAST EUROPE IN FEED, LIVESTOCK
ADDITIONAL NONFAT DRY MILK IMPORTS OKAYED BY NIXON
USDA PROPOSES LIMITATIONS ON IMPORTED MILK
BROILER CONTRACT
TARRIFF HEARING SET ON CALCIUM PANTOTHENATE
MEETING ON PET BIRD IMPORTATION SCHEDULED
MEAT IMPORTS INTO U.S. IN 1973 ESTIMATED UP 5%
LIMITED BIRD IMPORTATION
MEAT IMPORT QUOTA SUSPENSION CONTINUES

INGREDIENT ANALYSIS
FEEDSTUFFS ANALYSIS TABLE
INGREDIENT ANALYSIS & ESTIMATED TABLES FOR BEEF & SHEEP RATION

INSURANCE
GRAIN INSURER ADVISES REGULAR VALUE CHECKS

INTEGRATION & CONTRACT FARMING

T INDEX
973

.....AUG 20 P. 29
.....SEP 24 P. 2
.....SEP 24 P. 4
.....NOV 05 P. 4
EGNANCY .....NOV 19 P. 16
.....DEC 24 P. 4

.....JAN 22 P. 21
DEALERS .....NOV 26 P. 52

.....JAN 15 P. 4
ONE FORMATION .....APR 09 P. 48
BEEF COWS AND FEEDLOT CATTLE .....APR 23 P. 34
.....JUL 02 P. 25

.....JAN 29 P. 44
.....FEB 19 P. 27
.....FEB 26 P. 18
.....FEB 26 P. 50
.....MAR 05 P. 21
.....MAR 19 P. 14
.....APR 09 P. 24
.....MAY 07 P. 10
.....JUL 16 P. 14

.....JAN 08 P. 23
.....JAN 15 P. 7
S .....FEB 19 P. 7
.....MAR 19 P. 6
.....MAR 26 P. 34
.....APR 09 P. 9
.....MAY 28 P. 5
.....MAY 28 P. 5
.....JUN 11 P. 15
.....JUN 18 P. 16
.....JUL 09 P. 15
.....AUG 06 P. 5
K .....AUG 13 P. 32
.....SEP 03 P. 39
.....SEP 10 P. 4
.....SEP 10 P. 23
.....SEP 24 P. 43
.....OCT 08 P. 6
.....OCT 15 P. 23
.....OCT 29 P. 46
.....DEC 31 P. 35

.....JUL 23 P. 29
IONS .....SEP 10 P. 33

.....JAN 15 P. 29

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

FAMILY FARM LIKELY TO CONTINUE DOMINANCE IN PORK PRODUCTION
UNIVERSITY ECONOMISTS EXPRESS CONCERN ABOUT CONCENTRATION OF A
LARGE CORPORATIONS' ROLE IN AG PRODUCTION WILL INVOLVE MORE CO
INVOLVEMENT IN CONVENTIONAL INTEGRATION DECLINING FOR SOME FEE
INDUSTRY VIEWS OF HOG CONTRACTING
POTENTIAL EFFICIENCIES DUE TO INTEGRATED CATTLE OPERATIONS CON

LABOR-MANAGEMENT RELATIONS
ELEVATOR EMPLOYEES APPROVE NEW CONTRACT
COURT RULES ABBOTT FEED WORKERS ARE 'AGRICULTURAL'

LAMB INDUSTRY
FINNSHEEP CROSSBREDS
RANCHER SEES BRIGHT FUTURE IN SHEEP INDUSTRY
INCREASING LAMB COMPETITION

LAMB MANAGEMENT
NEW BREEDING TOOLS MAY ALLOW SPECIFICATION ORDERING OF CALVES
WINTERING EWES
TESTING FOR PREGNANT EWES
DROP IN LAMB PRICES HURTS TEXAS FEEDERS

LAMB NUMBERS
LAMBS ON FEED JAN. 1 ABOUT EQUAL TO YEAR AGO; WESTERN STATES F
CATTLE, HOG, LAMB PRICES IN FIRST HALF OF 1973 TO BE ABOVE YEA
JANUARY 1 SHEEP INVENTORY DOWN 5%; 1972 LAMB CROP, AT 12.5 MIL
MARCH 1 SHEEP NUMBERS IN SEVEN STATES DOWN 7%
ECONOMIST PREDICTS 40 CENTS LAMB PRICES
FEEDER LAMB PRICES HURTING COMMERCIAL FEEDING IN TEXAS
NUMBER OF LAMBS, BREEDING EWES IS REDUCED: USDA
TEXAS SHEEP FEEDLOT BUILT
SHEEP NUMBERS MAY BE ON UPSWING
SHEEP, LAMBS ON FEED UP 10% OVER YEAR AGO
SHEEP AND LAMB NUMBERS SHOW CONTINUED DECLINE
ADDITIONAL BEEF SUPPLIES WILL OFFSET LESS LAMB, VEAL; LITTLE C

LAMB NUTRITION
WETHERS' EATING UNAFFECTED BY BROILER MANURE IN TEST RATIONS
LITTER IN LAMB RATIONS
FEEDER LAMB RESPONSES TO SUNFLOWER HULLS, DEHYDRATED ALFALFA,
EFFECT OF SELF-FEEDING EARLY WEANED LAMBS AN ALL-CONCENTRATE D
IMBALANCES OF PHOSPHORUS IN LAMB DIET STUDIED
PROTEIN FOR SHEEP
LINOLEIC ACID IN FEED
UTAH STATE WILL STUDY WASTE FED TO SHEEP
PHOSPHORUS FOR SHEEP
OHIO SHEEP DAY ATTACTS BIG PRODUCER GROUP
SUPPLEMENTED CORN SILAGE FOR EWES STUDIED
THE LAMB FATTENING INDUSTRY IN SPAIN
ADAPTING LAMB DIETS
SORGHUM FOR SHEEP
LAMB ROUGHAGE
UREA IN SHEEP DIETS
EWE NUTRITION STUDY
LAMBS IN DRYLOT

LAYER HEALTH
DRUG RESISTANT BACTERIA

T INDEX
973

	.....MAR 19 P. 4
F AG PRODUCTION	.....APR 02 P. 2
COORDINATION RATHER THAN CONTROL	.....APR 02 P. 9
FEED MANUFACTURERS	.....APR 23 P. 24
	.....MAY 07 P. 53
COMPARED TO THE OPEN MARKET	.....OCT 08 P. 23
	.....AUG 27 P. 13
	.....DEC 17 P. 6
	.....MAY 07 P. 33
	.....JUL 09 P. 36
	.....JUL 23 P. 20
ES	.....JAN 22 P. 20
	.....FEB 05 P. 24
	.....JUN 04 P. 21
	.....OCT 15 P. 23
S POST 5% GAIN	.....JAN 22 P. 4
YEAR AGO: USDA	.....FEB 05 P. 2
MILLION, OFF 3%	.....FEB 12 P. 12
	.....MAR 26 P. 4
	.....MAR 26 P. 14
	.....JUN 11 P. 17
	.....JUL 03 P. 4
	.....SEP 03 P. 45
	.....SEP 10 P. 57
	.....NOV 19 P. 47
	.....DEC 24 P. 4
E CHANGE IN PORK	.....DEC 31 P. 11
S	.....APR 16 P. 20
	.....MAY 28 P. 12
A, TRITICALE AND AN ALL-CONCENTRATE RATION	.....MAY 28 P. 17
E DIET	.....MAY 28 P. 18
	.....JUN 18 P. 4
	.....JUL 09 P. 16
	.....JUL 16 P. 21
	.....AUG 06 P. 16
	.....AUG 06 P. 19
	.....AUG 13 P. 16
	.....OCT 01 P. 51
	.....OCT 15 P. 39
	.....OCT 22 P. 14
	.....OCT 22 P. 16
	.....OCT 22 P. 16
	.....OCT 29 P. 43
	.....NOV 26 P. 47
	.....DEC 10 P. 20
	.....FEB 05 P. 20

FEEDSTUFFS SUBJECT
FOR ENTIRE YEAR 197

POULTRY DISEASES MAIN FOCUS OF NEW HAMPSHIRE CONFERENCE
INFECTIOUS BRONCHITIS VACCINE
USDA: INACTIVATED AIB VACCINE MAY BE SAFER THAN LIVE-VIRUS
FORCE-FEEDING FOUND TO INDUCE FLHS IN POULTRY
INCLUSION BODY HEPATITIS, OTHER DISEASES SUBJECTS AT HEALTH S
REPORT TELLS HOW TO PREVENT POULTRY DISEASES

LAYER MANAGEMENT
GOLD KIST BUILDS HIGH RISE LAYER HOUSE IN ALABAMA
CANADIANS REPORT ON EFFECTS OF CAGE LAYER NUMBERS, DENSITIES
STUDY SAYS SELECTED 'MINI' LAYER STOCKS NEED FURTHER
MANURE MANAGEMENT IN DEEP PIT POULTRY HOUSES EXPLORED
TEXAN: SHELL DAMAGE CAUSES AVERAGE LOSS OF 61 CENTS PER HEN
REDUCING FEED LOSSES
NEST MATERIAL STUDY
EGGSHELL DAMAGE, BLOODSPOT DETECTION STUDIES REPORTED
DEBEAKING TECHNIQUES
CAGED LAYER FLY CONTROL
CULLING NON-LAYING HENS
INDIRECT POULTRY FEED WASTE FACTORS DISCUSSED BY NUTRITIONIST
EGG FORMATION STUDY
CONTROL OF POULTRY FEED WASTE FACTORS SAID TO RESULT IN LOWER
FLORIDA REPORTS RESULTS OF 19TH POULTRY TRIAL
PARASITE CONTOL
TREND TOWARD 4 TIER LAYER CAGES REPORTED
CULLING LAYING HENS
PLANNED REPLACEMENT SAID WAY TO IMPROVE EGG PRICE
EVALUATION OF CHARACTERISTICS USED TO CULL LAYING HENS
DAILY CLEANING
FEED BELT SPEEDS
EGG PRODUCERS CONSIDERING NOVEMBER MOLT ADVISED TO DO IT IN S
BUILT UP POULTRY DROPPINGS CITED IN FLY CONTROL
HATCHABILITY PROBLEMS
POULTRYMEN URGED TO GIVE MORE CONSIDERATION TO STRESS PROBLEM
ADVICE ON CUTTING POWER IN LAYING HOUSES OFFERED
EGG SHELL QUALITY SAID MAIN PRODUCTION PROBLEM
HATCHERY MANAGEMENT TIPS OFFERED AT PEIA CLINIC
INCANDESCENT AND FLUORESCENT LIGHTING FOR LAYING HENS
BROODING CHICKS SAID ONE OF MOST NEGLECTED STAGES IN PULLET G

LAYER NUMBERS
USDA ECONOMIST LISTS FACTORS DOMINATING LIVESTOCK, POULTRY FE
EGG-TYPE CHICK, POULT HATCHINGS BOTH UP, BROILER-TYPE HATCHIN
USDA SEES STRONG POULTRY PRICES AHEAD
BROILER CHICK OUTPUT DOWN, EGG-TYPE, POULT HATCHES UP
EGG, BROILER, TURKEY OUTPUT OFF IN FEBRUARY
HIGH FEED COSTS WILL OFFSET POULTRY, EGG PRICES: AFMA SURVEY
USDA PROJECTS POULTRY, EGG OUTPUT THROUGH 1985
1972 BROILER, TURKEY HATCHERY PRODUCTION UP, EGG-TYPE DOWN
EGG, CHICKEN, BROILER GROSS INCOME UP IN 1972: USDA
CALIFORNIA SALES OF CATTLE, MILK PRODUCTS TO JUMP IN 1973
FEED COSTS SAID CONTRIBUTING TO REDUCED POULTRY, EGG OUTPUT
LAYERS ON HAND, EGGS LAYED DOWN 4% IN APRIL
APRIL BROILER, EGG-TYPE CHICK PRODUCTION DOWN SLIGHTLY FROM 1
LOWER OUTPUT, HIGHER PRICES SEEN FOR EGGS, BROILERS, TURKEYS
MAY EGG OUTPUT 3% BELOW YEAR AGO
JUNE EGG OUTPUT LOWEST SINCE 1963; LAYERS DOWN
LAYER FLOCK DOWN 6% FROM 1972; BROILER CHICK HATCH OFF

T INDEX
973

	APR 30	P.	23
	MAY 14	P.	22
	AUG 13	P.	20
	AUG 20	P.	19
SEMINAR	NOV 19	P.	6
	DEC 03	P.	20
	JAN 08	P.	29
S ON LAYING PERFORMANCE	JAN 15	P.	7
	JAN 15	P.	18
	JAN 22	P.	14
N	JAN 29	P.	62
	MAR 05	P.	22
	MAR 19	P.	16
	APR 02	P.	16
	APR 02	P.	18
	APR 23	P.	20
	APR 23	P.	20
ST	MAY 07	P.	36
	MAY 07	P.	38
ER PRODUCTION COSTS	MAY 07	P.	86
	MAY 07	P.	89
	MAY 28	P.	23
	JUN 18	P.	6
	JUN 18	P.	23
	JUL 09	P.	22
	JUL 09	P.	29
	JUL 23	P.	24
	JUL 23	P.	24
SEPTEMBER	JUL 30	P.	6
	AUG 13	P.	21
	OCT 08	P.	20
EMS	OCT 22	P.	17
	OCT 29	P.	45
	NOV 05	P.	7
	NOV 05	P.	20
	NOV 05	P.	30
GROWING	NOV 19	P.	32
FEEDING PICTURE IN 1973	JAN 01	P.	26
INGS DOWN	JAN 22	P.	6
	FEB 12	P.	1
	FEB 19	P.	6
	MAR 19	P.	2
EY COMMITTEE	APR 02	P.	1
	APR 09	P.	34
	APR 09	P.	40
	APR 16	P.	50
	MAY 07	P.	90
	MAY 14	P.	19
	MAY 21	P.	2
1972	MAY 28	P.	2
8	JUN 25	P.	1
	JUN 25	P.	6
	JUL 23	P.	6
	AUG 20	P.	6

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

SEPT. 1 LAYER FLOCK DOWN 5%, AUGUST EGG OUTPUT DOWN 6% FROM YE
LAYING FLOCK OFF AGAIN; BROILER PLACEMENTS UP
USDA REPORTS LAYER, BROILERS, POULT NUMBERS
USDA SEES MODERATE 1974 EXPANSION IN POULTRY OUTPUT
LOWER FEED COSTS OFFSET BY DECLINE IN BROILER, EGG PRICES; TUR
LAYING FLOCK NUMBERS OFF, BROILER CHICK PRODUCTION UP

LAYER NUTRITION
LINOLEIC RESPONSE
CROOKED KEELS
GROWER, LAYER DIET TRANSITION
USEFUL TABLES FOR DIET FORMULATION
RESTRICTED FEEDING EXPERIMENT
CALCIUM METABOLISM IN THE LAYING HEN AS RELATED TO EGGSHELL QU
HOW TO BEAT THE COST OF HIGH PROTEIN CONCENTRATES BY REDUCING
LOW PROTEIN RATIONS
ISOLEUCINE-LEUCINE IMBALANCE
LOW CALCIUM LAYER RATION SUGGESTED BY UK RESEARCHERS
ADVANTAGES OF FEED RESTRICTION CITED AT POULTRY CONVENTION
HENS FED LOWER PROTEIN DIETS YIELDED SIMILAR PRODUCTION RESULT
ENERGY, PROTEIN NEEDS OF LAYERS DISCUSSED BY POULTRY SCIENTIST
LAYER DIETARY INFLUENCES
MORE NUTRITION-RELATED PROBLEMS WITH POULTRY PREDICTED, ANTICO
EGG REPLACEMENT PULLET DIET FORMULATION DISCUSSED AT CLINIC
NEW DEVELOPMENTS IN POULTRY NUTRITION
LOW PROTEIN PULLET DIETS SUCCESSFUL IN TENNESSEE STUDY
CONSIDER FEED RESTRICTION, SAYS POULTRY SPECIALIST
ANTIBIOTICS FOUND EFFECTIVE IN INCREASING EGG PRODUCTION IN NE
NEW DEVELOPMENTS IN POULTRY NUTRITION
GOOD NUTRITION SAID ESSENTIAL FOR HIGH-LEVEL PULLET PERFORMANC
EGG FLAVOR CHARACTERISTICS
EFFECT OF PLANT PROTEIN QUALITY & SOURCE ON GROWTH, SEXUAL DVL
PULLET DIET STUDY
EFFECT OF VITAMIN D, DIETARY ENERGY ON LAYERS DISCUSSED
EGG SHELL STUDIES HIGHLIGHT PFIZER CONFERENCE REPORT
POULTRY NUTRITION DISCUSSED AT CONFERENCE
EGG PRODUCERS NEED NOT FEAR LOWER PROTEIN RATIONS, SAYS SCIENT
LOW PROTEIN RATIONS
FEEDING FULL-FAT SOYBEANS
SPONTANEOUS VS. INDUCED FATTY LIVER-HEMORRHAGIC SYNDROME IN AD
PHOSPHORUS LEVELS
COOKED SOYBEANS
COTTONSEED MEAL
LAYER RATION CHANGES DISCUSSED AT NEW HAMPSHIRE
FEED RESTRICTION
NUTRITION SAID ONE WAY TO IMPROVE EGG SHELL QUALITY
MEXICAN WHEATS PRAISED FOR POULTRY RATIONS
PROTEIN REQUIREMENTS OF LAYERS COVERED
BRITISH RESEARCHERS FIND LINK BETWEEN TRIMETHYLAMINE EGG TAINT
SOME NUTRITIONAL ASPECTS OF EGG YOLK MOTTLING
LOW CHOLESTEROL EGGS
SOFT BONES
EGGSHELL MEAL
PULLET DIETARY STUDY
REDUCING POULTRY FEEDING COSTS SEMINAR SUBJECT
LATEST RESEARCH ON PROTEIN NEEDS OF POULTRY OUTLINED
REVIEW OF LATEST DEVELOPMENTS IN POULTRY NUTRITION AND RELATED
LAYERS NOT AFFECTED BY 'BROWN' SORGHUM

T INDEX
973

YEAR AGO	.....SEP 24 P.	7
	.....OCT 22 P.	1
	.....NOV 19 P.	1
	.....NOV 26 P.	5
TURKEY PRICES STRONG	.....DEC 10 P.	6
	.....DEC 24 P.	5
	.....JAN 08 P.	25
	.....JAN 15 P.	19
	.....JAN 22 P.	16
	.....JAN 29 P.	42
	.....FEB 12 P.	26
QUALITY	.....FEB 12 P.	30
NG PROTEIN LEVELS IN GROWER RATIONS	.....FEB 19 P.	30
	.....FEB 26 P.	31
	.....FEB 26 P.	31
	.....FEB 26 P.	44
	.....FEB 26 P.	56
ULTS IN STUDY	.....FEB 26 P.	56
IST	.....MAR 26 P.	16
	.....APR 02 P.	18
ICOCCIDIAL PRODUCTS EVALUATED	.....APR 09 P.	10
	.....APR 09 P.	20
	.....APR 09 P.	31
	.....APR 09 P.	42
	.....APR 09 P.	46
NEWER LAYER STRAINS	.....APR 16 P.	18
	.....APR 16 P.	34
ANCE	.....APR 23 P.	22
	.....APR 30 P.	24
DVLPMNT & SUBSEQUENT PRODUCTIVITY OF POULTRY	.....APR 30 P.	26
	.....MAY 07 P.	42
	.....MAY 07 P.	82
	.....MAY 14 P.	7
	.....MAY 21 P.	6
ENTIST	.....MAY 21 P.	35
	.....MAY 21 P.	35
	.....MAY 21 P.	38
ADULT FEMALE CHICKENS	.....MAY 21 P.	40
	.....MAY 28 P.	23
	.....MAY 28 P.	23
	.....MAY 28 P.	23
	.....JUN 11 P.	18
	.....JUN 11 P.	20
	.....JUN 18 P.	18
	.....JUN 18 P.	21
	.....JUL 02 P.	6
INTS	.....JUL 02 P.	17
	.....AUG 06 P.	27
	.....SEP 03 P.	21
	.....SEP 24 P.	21
	.....SEP 24 P.	21
	.....SEP 24 P.	21
	.....OCT 08 P.	6
	.....OCT 15 P.	6
TED FIELDS	.....OCT 15 P.	36
	.....NOV 05 P.	5

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

EGG SHELL QUALITY SAID MAIN PRODUCTION PROBLEM
POULTRY ENERGY NEEDS DISCUSSED AT UK CONCLAVE
DELAYING SEXUAL MATURITY OF PULLETS SAID USEFUL
POTENTIAL USE OF NPN IN POULTRY RATIONS EXAMINED
RESTRICTED FEEDING

LEGISLATION

CONGRESS CONCERNED WITH CUTTING GROCERY BILL, NEW FARM ACT, TA
DEMOCRATS PREPARING TO FIGHT ADMINISTRATION CUTS IN AG FUNDS
HOUSE, STATE AGRICULTURE COMMITTEES ANNOUNCE MEMBERS, SUBCOMMI
SENATE, USDA WORK TOWARD INTRODUCTION OF NEW FARM ACT
BATTLE SEEN ON HORIZON OVER UPCOMING AGRICULTURAL POLICYMAKING
HOUSE AGRICULTURE SUBCOMMITTEES TO HAVE NEW CHAIRMEN
HEARINGS DATES SET FOR NEW FARM ACT
SENATE RESOLUTION AIMED AT RAILROADS
NIXON CALLS FOR FARM PAYMENT PHASE-OUT
FUTURE OF 1970 AGRICULTURE ACT COMMODITY PROGRAMS UP TO CONGRE
BILL INTRODUCED TO LIMIT CORPORATE FARMING INVOLVEMENT
SENATORS CRITICAL OF NIXON FARM PROPOSALS
BUTZ REITERATES NIXON GOAL OF FREE MARKET-BASED AGRICULTURE
NGFA OUTLINES ITS RECOMMENDATIONS FOR ESTABLISHMENT OF NEW FAR
PAARLBERG: ELIMINATION OF FARM PROGRAMS NEEDS TRANSITION PERI
BILL INTRODUCED TO EXTEND DAIRY PROGRAMS
INSPECTION FEE CHALLANGED
HOUSE COMMITTEE HEARS BUTZ OUTLINE FARM ACT PROPOSALS
WISCONSIN CONSIDERS CORPORATE FARMING BILLS
SORGHUM FARMERS ADVISE ACTION ON NEW FARM ACT
TAX PROPOSAL WOULD AFFECT AG INVESTMENTS
SEVERAL BILLS BEFORE CONGRESS COULD INFLUENCE AGRIBUSINESS
EFFORTS TO MODIFY 1973 FEED GRAIN PROGRAM GENERATE MANY BILLS
SENATE AGRICULTURE COMMITTEE DRAFTS NEW FARM PROGRAM
ADVANCE PAYMENTS IN WHEAT, GRAIN PROGRAMS ASKED
NGFA ASKS CONGRESS TO CONTINUE 1970 AGRICULTURAL ACT
HOUSE TACKLES NEW FARM BILL; VERSION MAY RESEMBLE SENATE'S
KEEP AGRICULTURE'S FORWARD MOMENTUM GOING, BUTZ URGES AT AHI M
DAIRY CONTRIBUTION TO NIXON MAY SLOW FARM ACT PROGRESS
SENATE PASSES FARM BILL WITH TARGET PRICES FOR CORN, WHEAT
HOUSE PASSES MINIMUM WAGE INCREASE BILL
HOUSE UNIT VOTES DELANEY STUDY
HOUSE READIES FARM BILL
HOUSE AG COMMITTEE REPORTS ITS VERSION OF NEW FARM BILL
HOUSE COMMITTEE APPROVES 1974 AG SPENDING BILL
HOUSE APPROVES SET-ASIDE CHANGE
FLORIDA BILL REPEALS EGG INSPECTION FEE
HOUSE OPPOSITION, THREAT OF VETO STALL ACTION OF NEW FARM ACT
HOUSE PASSES FARM BILL, BUT MAJOR OBSTACLES REMAIN
FARM BILL BOGGED DOWN IN HOUSE
BUTZ CALLS NEWLY SIGNED FARM ACT 'TURNING POINT'
PENDING LEGISLATION TO AFFECT AGRIBUSINESS
STRONGER AG MARKET SYSTEM ADVOCATED FOR U.S.
HEARINGS DUE ON FEDERAL CROP INSURANCE BILL
HOUSE LOOKS AT CHANGES IN COMMODITIES ACT
HOUSE COMMITTEES GO SEPARATE WAYS AFTER CEA HEARINGS
MOST FAVORED NATION STATUS FOR SOVIETS DROPPED FROM BILL
HOUSE PASSES NEW FOREIGN TRADE BILL
TRADE BILL, CEA REFORM FACE CONGRESS
POULTRYMEN STUDY PROPOSED BILL TO INSURE FAST PAYMENT

LETTERS TO THE EDITOR

T INDEX
973

	.....NOV 05 P.	7
	.....NOV 12 P.	21
	.....NOV 26 P.	10
	.....DEC 10 P.	7
	.....DEC 17 P.	18
TAX REFORM, TRADE	.....JAN 01 P.	6
3	.....JAN 08 P.	6
MMITTEE HEADS	.....JAN 22 P.	2
	.....JAN 22 P.	2
ING DIRECTION	.....JAN 29 P.	6
	.....JAN 29 P.	77
	.....FEB 12 P.	2
	.....FEB 12 P.	50
	.....FEB 19 P.	1
GRESS, SAYS PAARLBERG	.....FEB 19 P.	8
	.....FEB 26 P.	2
	.....MAR 05 P.	1
	.....MAR 05 P.	2
FARM PROGRAM	.....MAR 12 P.	1
ERIOD TO AVOID SURPLUSES	.....MAR 12 P.	6
	.....MAR 12 P.	36
	.....MAR 12 P.	71
	.....MAR 26 P.	1
	.....MAR 26 P.	9
	.....APR 09 P.	58
	.....MAY 07 P.	6
	.....MAY 07 P.	8
LS IN CONGRESS	.....MAY 07 P.	10
	.....MAY 14 P.	1
	.....MAY 14 P.	6
	.....MAY 14 P.	12
	.....MAY 28 P.	1
I MEETING	.....MAY 28 P.	9
	.....JUN 04 P.	2
	.....JUN 11 P.	1
	.....JUN 11 P.	2
	.....JUN 11 P.	2
	.....JUN 18 P.	52
	.....JUN 25 P.	2
	.....JUN 25 P.	2
	.....JUN 25 P.	78
	.....JUL 09 P.	41
CT	.....JUL 16 P.	2
	.....JUL 23 P.	2
	.....AUG 06 P.	1
	.....AUG 13 P.	2
	.....SEP 10 P.	1
	.....OCT 01 P.	44
	.....OCT 22 P.	2
	.....OCT 22 P.	45
	.....NOV 05 P.	49
	.....NOV 05 P.	50
	.....DEC 17 P.	6
	.....DEC 31 P.	6
	.....DEC 31 P.	41

ECONOMICS OF WORMING
SECOND CENTURY
PROGRESS WITH 'MINI' LAYERS
LIFE WITHOUT UREA
CONSUMER IS PRIMARY BENEFACTOR
PREJUDICE AGAINST DES
CONSUMERISM AND RESPONSIBILITY
LOSSES IN HANDLING CATTLE
IMPROVING AGRICULTURE'S IMAGE
CAN WE FEED OURSELVES?
TOLERANCE LEVELS FOR CHLORDANE
AGRICULTURE AS A PUBLIC UTILITY
ELIMINATION OF WASTE NEEDED

LIQUID FEED
FEED MAKERS FILE OBJECTIONS TO FDA LIQUIDS PROPOSAL
LIQUIDS FOR DAIRY HEIFERS
LIQUID FEEDS SAID TO BE GAINING IN TEXAS PANHANDLE
LIQUID SUPPLEMENTS, HEDGING DISCUSSED AT TEXAS MEETING
FEED CONTROL OFFICIAL CITES THE ROLE OF EQUIPMENT IN MERCHANDI
BROADER USE OF LIQUID FEEDS IS PREDICTED
LIQUID FEED MEN HEAR WIDE RANGE OF TOPICS

LITTER
HARDWOOD BARK AS A POULTRY LITTER

LYSINE
INCREASING THE LYSINE CONTENT OF FEEDSTUFF PROTEINS
POTENTIALS FOR MEAT BYPRODUCTS DISCUSSED

MANPOWER MANAGEMENT
REDUCING THE CONFUSION OVER 'MANAGEMENT BY OBJECTIVES'
MANAGEMENT BY OBJECTIVES: IMPLEMENTING THE PROGRAM
MANAGEMENT CONSULTING: WHEN TO USE IT

MAREKS DISEASE
MAREK'S DISEASE CONTROL CALLED 'AMAZING SUCCESS'
MAREK'S VACCINE TIPS

MARKETING
MARKET OUTLOOK, CONSUMER CONCERNS, DRUG & TRANSPORTATION PROBL
WISCONSIN EGG PRODUCERS TO VOTE ON CHECK-OFF
OHIO EGG MEN TO VOTE ON CHECK-OFF REFERENDUM
CHECK-OFF REFERENDUM
PEIA ENDORSES PLAN TO CONTROL EGG PRODUCTION
SOUTH CAROLINA EGGMEN PASS MARKETING ORDER
OHIO PRODUCERS APPROVE STATE EGG CHECK-OFF PROGRAM
WISCONSIN EGG CHECK-OFF FAILS
EGG CHECK-OFF PASSES IN IOWA
NEMA VOTES TO SUPPORT PEIA EGG STABILIZATION PROGRAM EFFORTS

MEAT STOCKS
POULTRY IN STORAGE DOWN
POULTRY IN COLD STORAGE DOWN
FEBRUARY COLD STORAGE TURKEY STOCKS DOWN 19%
TURKEYS IN COLD STORAGE DOWN 22% FROM YEAR AGO
TURKEY STOCKS DOWN ONE FOURTH; BEEF, PORK UP
FROZEN TURKEY, CHICKEN STOCKS DOWN ON MAY 31

.....JAN 22 P. 10
.....JAN 22 P. 10
.....JAN 29 P. 14
.....MAR 12 P. 14
.....MAR 12 P. 14
.....JUN 25 P. 10
.....JUL 23 P. 12
.....JUL 30 P. 10
.....AUG 27 P. 10
.....SEP 17 P. 11
.....NOV 12 P. 10
.....NOV 19 P. 10
.....DEC 10 P. 10

.....FEB 19 P. 4
.....FEB 19 P. 18
.....APR 09 P. 8
.....APR 16 P. 4
NDISING LIQUID FEEDS .....APR 30 P. 36
.....SEP 17 P. 1
.....SEP 24 P. 8

.....NOV 19 P. 20

.....OCT 08 P. 24
.....NOV 19 P. 6

.....FEB 05 P. 37
.....MAR 19 P. 40
.....AUG 13 P. 26

.....FEB 19 P. 36
.....MAR 05 P. 22

OBLEMS DISCUSSED .....MAR 05 P. 4
.....APR 02 P. 6
.....APR 02 P. 7
.....APR 09 P. 34
.....APR 16 P. 1
.....MAY 14 P. 7
.....MAY 14 P. 25
.....JUN 18 P. 7
.....JUN 25 P. 6
S .....JUL 09 P. 7

.....JAN 22 P. 7
.....FEB 26 P. 6
.....APR 02 P. 5
.....APR 23 P. 7
.....MAY 28 P. 45
.....JUN 18 P. 52

COLD STORAGE POULTRY DOWN FROM YEAR AGO
TOM STORAGE DOWN 7% FROM LAST YEAR
COLD STORAGE MEAT STOCKS DOWN FROM YEAR AGO
FROZEN TURKEY STOCKS GAIN
FROZEN POULTRY, RED MEAT STOCKS UP FOR MONTH
FROZEN TURKEY STOCKS DOWN IN NOVEMBER

METHIONINE
SYNTHETIC METHIONINE 'DUMPING' HEARINGS SET

MINERALS
RECENT DEVELOPMENTS IN MINERAL NUTRITION
NEED FOR POTASSIUM, MAGNESIUM, SULFUR IN FEED REVIEWED AT SEMI

MINK NUTRITION
PRELIMINARY RESEARCH INDICATES MINK CAN SUCCESSFULLY BE REARED

MOLASSES
MOLASSES PRODUCTION AND PRICES INCREASE IN 1972
EFFECT OF SURFACE ACTING AGENTS & OTHER COMPOUNDS ON PHYS PROP
MOLASSES PRODUCT BEING USED IN U.K.

MOLD
FDA WATCHING FOR GRAINS INFECTED WITH GIBBERELLA ZEAE MOLD
EFFECT, OCCURENCE OF MOLDS ON PLANTS, ANIMALS CITED

MOLDY GRAIN
SCIENTIST: FEEDING MOLDY CORN COULD LEAD TO SWINE BREEDING PR
MINNESOTANS REPORT SWINE REFUSING TO EAT SOME NEW CROP CORN; F
RSLTS OF FD TESTS WITH GRAIN RATIONS INVADED BY MXTR NATURALLY
AMMONIATION OF CORN TESTED TO PREVENT DEVELOPMENT OF AFLATOXIN

MYCOTOXINS
MORE RESEARCH ON MYCOTOXINS NEEDED, SAYS POULTRY SCIENTIST
MAJOR PROBLEM WITH MYCOTOXINS LIKELY REMAINS OBSCURE: VET

NEWCASTLE DISEASE
NEWCASTLE HITS TURKEY FLOCK
QUARANTINE REGULATIONS FOR PET BIRDS CHANGED
EXOTIC NEWCASTLE QUARANTINE REDUCED TO TWO COUNTIES
ND ERADICATION UNFINISHED, SAY TASK FORCE OFFICIALS
NEWCASTLE TASK FORCE CONSOLIDATES FACILITIES
USDA PROPOSES PLAN TO PERMIT BIRD IMPORTATION
NEWCASTLE DISEASE ERADICATION PLAN DEBATED
USDA REDUCES CALIFORNIA NEWCASTLE QUARANTINE AREA
SMALL ND OUTBREAK IN TEXAS UNDER CONTROL
ND TASK FORCE OKAYS REPOPULATION OF VENTURA FLOCKS
NEWCASTLE DISEASE SAID HARD TO SPOT IN TURKEYS
NEWCASTLE QUARANTINE REDUCED IN CALIFORNIA
POULTRY INDUSTRY CAN ACHIEVE PRACTICAL ERADICATION OF VVND
ND TASK FORCE REPORTS TURKEY FLOCK DEPOPULATION
FLORIDA RELAXES BIRD IMPORTATION REQUIREMENTS
USDA ALLOCATES FUNDS FOR ND RESEARCH PROGRAM
TASK FORCE REPORTS NO NEW NEWCASTLE OUTBREAKS
NEWCASTLE FOUND IN 13,000 LAYER FLOCK
USDA EASES RESTRICTIONS ON MOVING POULTRY CRATES
NEWCASTLE DISCOVERED IN 116,000 PULLET FLOCK
USDA LIFTS NEWCASTLE QUARANTINES IN TEXAS

	.....JUL 23 P. 6
	.....JUL 23 P. 7
	.....SEP 24 P. 5
	.....OCT 22 P. 7
	.....NOV 19 P. 2
	.....DEC 24 P. 5
	.....MAR 05 P. 51
	.....MAY 14 P. 27
EMINAR	.....DEC 17 P. 6
RED ON DRY DIETS	.....APR 09 P. 56
	.....MAY 28 P. 5
ROP OF HEMICELLULOSE EXTRACT & CANE MOLASSES	.....JUN 18 P. 24
	.....NOV 19 P. 33
	.....MAR 05 P. 35
	.....OCT 29 P. 7
PROBLEMS	.....JAN 08 P. 9
FUNGUS BLAMED	.....JAN 08 P. 57
LLY PRSNT FUNGI PLUS ASPRG FLAVUS NRRL 2999	.....APR 02 P. 20
XIN	.....MAY 07 P. 84
	.....JAN 01 P. 22
	.....MAY 28 P. 4
	.....JAN 08 P. 9
	.....JAN 08 P. 11
	.....JAN 15 P. 7
	.....JAN 15 P. 18
	.....JAN 29 P. 81
	.....JAN 29 P. 82
	.....FEB 05 P. 1
	.....FEB 12 P. 5
	.....FEB 19 P. 6
	.....FEB 19 P. 6
	.....FEB 19 P. 27
	.....MAR 05 P. 3
	.....MAR 12 P. 38
	.....MAR 12 P. 72
	.....MAR 26 P. 48
	.....APR 02 P. 6
	.....APR 23 P. 50
	.....APR 30 P. 2
	.....APR 30 P. 51
	.....MAY 07 P. 6
	.....MAY 14 P. 21

RECENT ND OUTBREAD BOOSTS ERADICATIONS
USDA REDUCES NEWCASTLE QUARANTINE
EXOTIC NEWCASTLE OUTBREAK DIAGNOSED
MORE EFFECTIVE USE OF NEWCASTLE CURE DISCUSSED
SCIENTISTS TO STUDY ND DISEASE VIRUS
USDA REDUCES NEWCASTLE DISEASE QUARANTINE AREA
LAST NEWCASTLE QUARANTINE AREA LIFTED BY USDA
ASIATIC NEWCASTLE DISCOVERED IN SOUTH
USDA BANS HATCHING EGG IMPORTS PENDING SE NEWCASTLE DEVELOPMEN
NEWCASTLE TESTS PROMISING
TEST RESULTS SHOW NO NEWCASTLE SPREAD
VETERINARIANS WARN POULTRYMEN NOT TO BE COMPLACENT ABOUT NEWCA
NEWCASTLE QUARANTINE LIFTED IN TWO STATES
EXOTIC NEWCASTLE DISEASE SURVEILLANCE PLAN UNDERWAY

NITRATES
BUTZ FORMS PANEL TO ADVISE ON NITRITES

NON-PROTEIN NITROGEN
ADDING NPN TO SILAGE
NPN UTILIZATION BY POULTRY SAID POSSIBLE, BUT LIMITED
VERMONT FEED MEN HEAR ABOUT TRANSPORTATION OUTLOOK, NPN
POTENTIAL USE OF NPN IN POULTRY RATIONS EXAMINED

OATS
RED RIVER VALLEY OATS FEEDING JAPAN HORSES

ORGANIC FOODS
CALIFORNIA STUDY REPORTS HEALTH FOOD STORE GROWTH

PCBS
INDUSTRY SPOKESMEN CRITICIZE FDA'S PROPOSAL ON PCB LEVELS IN F
AGWAY RESEARCHER URGES AWARENESS OF CONTINUING PCB PROBLEM WIT
FDA ISSUES FINAL REGULATIONS LIMITING PCBS
USDA TO CHECK TURKEYS FOR PCBS IN MISSOURI
SURVEY SHOWS RENDERERS' PRODUCTS LOW IN PCBS

PELLETING
PELLETING COSTS MAY ENTER LINEAR PROGRAMMING IN FEED
EFFECT OF COLLOIDAL BINDERS AND OTHER FACTORS ON PELLETING

PERSONNEL
DAIRY EMPLOYEE RELATIONS TERMED 'A BASIC PROBLEM'
POULTRYMEN TOLD OF POSSIBLE UNIONIZING IN PROCESSING PLANTS
DEPARTMENT MANAGERS BEST QUALIFIED TO MAKE PERSONNEL SELECTION
PERFORMANCE REVIEW: MANAGEMENT'S BEST WAY TO COMMUNICATE WITH
FEED MEN HEAR ABOUT EQUAL EMPLOYMENT LAWS
WAGE AND SALARY ADMINISTRATION
A SYSTEMS APPROACH TO ANALYSIS OF COMMUNICATION OF MANAGEMENT

PET FOODS
PET BROCHURE
DOG, CAT FOOD SALES INCREASED 12% DURING PAST FISCAL YEAR
USE OF BREWERS GRAINS IN DOG DIETS EVALUATED

PHOSPHATE
CONCERN ABOUT PHOSPHATE SUPPLIES
CURACAO PHOSPHATE PRICES ARE RAISED

INDEX
973

.....MAY 28 P. 46
.....JUN 04 P. 52
.....JUL 02 P. 7
.....JUL 16 P. 7
.....JUL 23 P. 22
.....AUG 13 P. 7
.....SEP 03 P. 1
.....OCT 08 P. 6
ENTS .....OCT 15 P. 2
.....OCT 22 P. 6
.....NOV 05 P. 5
CASTLE .....NOV 12 P. 7
.....NOV 19 P. 48
.....NOV 26 P. 48

.....OCT 08 P. 31

.....SEP 10 P. 17
.....OCT 01 P. 23
.....OCT 29 P. 4
.....DEC 10 P. 7

.....APR 30 P. 22

.....MAR 05 P. 47

FEEDS .....FEB 19 P. 2
ITH FEED .....APR 30 P. 6
.....JUL 09 P. 2
.....JUL 16 P. 6
.....OCT 29 P. 28

.....OCT 29 P. 2
.....NOV 26 P. 21

.....JAN 08 P. 45
.....FEB 12 P. 7
ON, FEED MEN TOLD .....MAR 12 P. 43
TH EMPLOYEES .....MAY 07 P. 115
.....MAY 21 P. 51
.....SEP 03 P. 26
T INFORMATION .....OCT 08 P. 25

.....APR 16 P. 50
.....OCT 08 P. 8
.....DEC 17 P. 3

.....OCT 08 P. 2
.....DEC 31 P. 4

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

SHORTAGE OF FEED GRADE PHOSPHATES TERMED 'CRITICAL'

PLANT MANAGEMENT
COSTS INVOLVED IN FEED, EMISSION CONTROL MEASURED
JIM DANDY'S TRUCK DRIVERS COME UP THROUGH RANKS
MAINTENANCE REMINDERS FOR FEED MILLS, ELEVATORS

POLLUTION
ENGINEER RECOMMENDS STEPS TO CURB NOISE IN AG PROCESSING
FEEDLOTS SUBJECT TO ODOR CONTROLS
27 AG INDUSTRIES TARGETS FOR EPA'S POLLUTION STANDARDS FOR NEW
ILLINOIS POLLUTION EFFORT COULD AFFECT 28,000 FARMERS
TEXAS FEEDLOTS FILE FOR WASTE PERMITS
DISCHARGE APPLICATIONS DUE AT EPA APRIL 16
NBC: POULTRYMEN TO 'FEEL FULL FORCE' OF POLLUTION LAWS, BUT A
EPA ISSUES FINAL WATER DISCHARGE PERMIT REGULATIONS; AG FORM C
EPA RELEASES REGULATIONS FOR WASTE PERMITS
BURPING COWS AND THE ENVIRONMENT
POLLUTION SOLUTION PANEL
LIVESTOCK AND POULTRY OPERATORS FACE JULY, 1977, DEADLINE TO C
NLFA JOINS EPA IN SUIT OVER POLLUTION RULES
EPA EXTENDS COMMENT DATE ON WASTE RULES

POULTRY PROCESSING
NOVEMBER POULTRY, RED MEAT OUTPUT AHEAD OF YEAR AGO
POULTRY INSPECTED IN NOVEMBER UP 7% FROM YEAR AGO
QUALITY PROGRAM FOR PROCESSORS IN TRIAL PERIOD
ECONOMIST SEES SLOWER RISE IN PROCESSED POULTRY CONSUMPTION
DECEMBER POULTRY MEAT PRODUCTION EQUAL TO LAST YEAR
USDA POULTRY INSPECTIONS DOWN 16% IN DECEMBER
POULTRY PROCESSING PLANT TRENDS AMONG TOPICS DISCUSSED AT SEPE
PENN STATE WORK SHOWS PROGRESS IN IMPROVING DEBONED POULTRY ME
USDA INSPECTION DATA
APRIL POULTRY SLAUGHTER DOWN
USDA PROPOSES INSPECTION AMENDMENT
SCIENTISTS TO STUDY POULTRY PROCESSING
REMARKS ON 'DRESSED POULTRY' SOUGHT
POULTRYMEN PLAN END 'DRY RUN' AQL TESTS
PROPOSAL TO CLARIFY CONDEMNATIONS MADE
NEW RULES PROPOSED FOR POULTRY LABELS
POULTRY INSPECTED FOR SLAUGHTER DOWN FOR PERIOD
USDA RAISES MEAT, POULTRY LAB FEES
AGENCIES ACT TO STOP BUFFERED PREMIXES
SLAUGHTER INSPECTIONS OF POULTRY UP 23%
POULTRY REGULATION COMMENTS EXTENDED

POULTRY SLAUGHTER
USDA JANUARY POULTRY INSPECTIONS UP 7% OVER 1972
FEBRUARY POULTRY INSPECTIONS DOWN FROM LAST YEAR
MARCH POULTRY INSPECTIONS DOWN FROM LAST YEAR
MAY POULTRY MEAT OUTPUT UP FROM LAST YEAR
JUNE POULTRY INSPECTIONS UP 4% FROM MAY
POULTRY INSPECTED FOR SLAUGHTER UP DURING JULY

PREMIXES
PREMIXERS TALK ABOUT THEIR PROBLEMS AT NFIA CONVENTION

PRICE CONTROLS

T INDEX
973

.....DEC 31 P. 41

.....SEP 24 P. 29
.....OCT 29 P. 17
.....NOV 26 P. 27

.....JAN 08 P. 38
.....JAN 15 P. 5
NEW PLANTS .....JAN 22 P. 8
.....JAN 22 P. 35
.....JAN 29 P. 24
.....APR 16 P. 4
T ARE PARTLY PREPARED .....MAY 21 P. 6
M COMINE .....MAY 28 P. 2
.....JUL 09 P. 2
.....JUL 09 P. 5
.....AUG 06 P. 16
O CONTROL RUNOFF .....SEP 24 P. 4
.....OCT 08 P. 32
.....OCT 22 P. 38

.....JAN 08 P. 11
.....JAN 15 P. 6
.....FEB 12 P. 5
.....FEB 19 P. 26
.....FEB 26 P. 27
.....FEB 26 P. 28
EPEA WORKSHOP .....APR 09 P. 46
MEAT QUALITY .....MAY 07 P. 88
.....MAY 21 P. 8
.....JUN 11 P. 47
.....AUG 06 P. 24
.....SEP 17 P. 7
.....SEP 17 P. 24
.....SEP 24 P. 22
.....OCT 08 P. 20
.....OCT 08 P. 31
.....NOV 12 P. 6
.....NOV 19 P. 6
.....DEC 03 P. 30
.....DEC 10 P. 2
.....DEC 10 P. 50

.....MAR 26 P. 48
.....APR 09 P. 10
.....MAY 14 P. 7
.....JUL 09 P. 6
.....AUG 20 P. 22
.....SEP 24 P. 20

.....OCT 29 P. 7

FEEDSTUFFS SUBJECT
FOR ENTIRE YEAR 197

PRICE COMMISSION QUESTIONING SOYBEAN CRUSHERS ON MARGINS
BROILERS, TURKEYS EXEMPT FROM PRICE CONTROLS
POULTRY INDUSTRY REACTS FAVORABLY TO COLC DECISION
FEED MANUFACTURERS' STATUS UNDER PRICE/WAGE CONTROLS UNSURE
DECISION ON FEED CONTROLS NEAR
CONGRESSMAN CALLS FOR SOY MEAL INVESTIGATION
SUIT CHARGES BEEF FIRM WITH VIOLATING STABILIZATION RULES
FEED, OILSEED MEAL EXEMPT FROM CONTROLS
NO PRICE CONTROLS
ADMINISTRATION GROUP AGREES ON PLAN TO STABILIZE MEAT PRICES
PRICE REGULATIONS EXTENDED TO MOST PACKERS BY CLC
MEAT PRICE FREEZE CALLED 'TIGHTROPE WALK'
CONSUMER MEAT BOYCOTT, PRICE CEILING ACTION CONTINUE TO DRAW
HOUSE BILL ROLLING BACK FOOD PRICES TO MARCH 16 VIEWED AS HUR
NO MORE WAGE-PRICE ACTION SEEN UNTIL MAY
AG PRODUCTS ESCAPE PRICE CONTROL MOVE
PRICE CEILINGS PUT ON FEED, PROCESSED PRODUCTS
COST OF LIVING COUNCIL ANSWERS QUESTIONS ABOUT NEW CONTROLS,
FEED, POULTRY INDUSTRIES FACE LOSSES IN FREEZE
PRICE FREEZE WILL REDUCE BROILER, EGG OUTPUT SOON
BROILER CEILING DEFINITION CLARIFIED
1972 BROILER PRICE CEILING SLOWED PRODUCTION: BUTZ
COLC EXPANDS FIRMS REQUIRED TO FILE REPORTS
COST OF LIVING COUNCIL ANSWERS MORE QUESTIONS ABOUT PRICE FRE
OFFICE SET TO ANSWER QUESTIONS
FEED COSTS FORCE TEXAS BROILERMEN TO DESTROY STOCK
IRS TO PERFORM EGG SPOT CHECKS
MORE ORDERLY CONTROLS IN FEED, GRAIN MARKETS CALLED FOR BY EA
POULTRYMEN, CUTTING PRODUCTION, ADOPT 'WAIT-AND-SEE' ATTITUDE
PRICE FREEZE SELF-DEFEATING, FOOD INDUSTRY FACING CRISIS
CLC ANSWERS MORE QUESTIONS IN RESPONSE TO PRICE FREEZE
FEEDERS' GROUP URGES NIXON TO REMOVE CEILING
MILK RATIONING FEARED IN SOUTH
FLORIDA MILK SCARCITY FEARED
HOG PROCESSING SHUTDOWNS ANNOUNCED
PHASE IV GUESSERS SEE SOME HELP FOR AGRICULTURE
PRICE FREEZE AFFECTING CATFISH
REQUESTS PRICE FREEZE CHANGES
PASS-THROUGH OF COST HIKES ALLOWED IN PHASE IVE; BEEF CEILING
EXPECT PHASE IV TO ALLOW HIGHER FOOD PRICES: NIXON
CONTINUED CEILING ON BEEF CALLED 'BIGGEST BLUNDER'
POAGE CRITICAL OF PHASE IV
EGG, BROILER PRICES RISE FOLLOWING FREEZE LIFTING
FREEZE ON BEEF PRICES DISRUPTS CONFIDENCE IN HOG, CATTLE MARK
WORRIED MEAT MEN SEEK END OF BEEF FREEZE
CLC PREPARES SELECTED QUESTIONS, ANSWERS TO CLARIFY PHASE IV
REGIONAL PHASE IV MEETINGS SET
GOVERNMENT ISSUES PRICE RULES AFFECTING INDUSTRY
NEW PHASE IV PRICING RULES TO HURT FEED TRADE
HOUSE COMMITTEE KILLS SENATE MOVE TO LIFT BEEF PRICE CEILINGS
VIRGINIANS ASK FOR CATTLE COST RELIEF
FEED PRICING STILL A PROBLEM
CLC ANSWERS MORE QUESTIONS ABOUT PHASE IV
AFMA SEEKS DECONTROL OF INDUSTRY UNDER PHASE IV
GUIDELINES SET FOR PACKERS' ALLOWANCES
ANCA HEAD CALLS PHASE 4 'DISASTER,' SAYS WE FACE SEVERE BEEF
NEW PRICING GUIDELINES WOULD RELAX CONTROLS ON FEED INDUSTRY
DEFINITIONS FOR PHASE IV RULES PROVIDED BY CLC

CT INDEX
1973

	.....JAN 01 P.	1
	.....JAN 08 P.	1
	.....JAN 08 P.	57
E	.....JAN 15 P.	1
	.....JAN 22 P.	1
	.....JAN 22 P.	4
	.....JAN 22 P.	5
	.....JAN 29 P.	1
	.....MAR 05 P.	18
ES	.....MAR 12 P.	6
	.....MAR 26 P.	4
	.....APR 02 P.	1
AW FIRE FROM MANY DIRECTIONS	.....APR 09 P.	1
HURTING AGRICULTURAL ECONOMY	.....APR 16 P.	1
	.....APR 23 P.	1
	.....MAY 07 P.	1
	.....JUN 18 P.	1
S, PRICE FREEZE	.....JUN 18 P.	8
	.....JUN 25 P.	1
	.....JUN 25 P.	2
	.....JUN 25 P.	5
	.....JUN 25 P.	6
	.....JUN 25 P.	8
FREEZE	.....JUN 25 P.	8
	.....JUN 25 P.	77
	.....JUN 25 P.	78
	.....JUN 25 P.	78
EASTERNERS	.....JUL 02 P.	2
UDE TOWARD EMBARGO	.....JUL 02 P.	6
	.....JUL 09 P.	1
	.....JUL 09 P.	2
	.....JUL 09 P.	4
	.....JUL 09 P.	4
	.....JUL 09 P.	19
	.....JUL 09 P.	46
	.....JUL 16 P.	1
	.....JUL 16 P.	43
	.....JUL 16 P.	46
ING STILL ON	.....JUL 23 P.	1
	.....JUL 23 P.	2
	.....JUL 23 P.	39
	.....JUL 23 P.	41
	.....JUL 30 P.	1
ARKETS	.....JUL 30 P.	1
	.....JUL 30 P.	2
IV FACETS	.....JUL 30 P.	2
	.....JUL 30 P.	2
	.....JUL 30 P.	2
	.....AUG 06 P.	1
NGS	.....AUG 06 P.	2
	.....AUG 06 P.	4
	.....AUG 06 P.	52
	.....AUG 13 P.	2
	.....AUG 13 P.	2
	.....AUG 13 P.	5
EF SHORTAGE	.....AUG 20 P.	4
RY	.....AUG 27 P.	1
	.....AUG 27 P.	74

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

AFMA SEES 'DEFINITE IMPROVEMENT' IN PROPOSED STAGE B FOOD REGU
CLC LIFTS BEEF CEILING SEPT 9
FINAL PRICE CONTROL RULES ON FOOD EASED
FEED MEN FACT LOSS SITUATION, AFMA WARNS
ANSWER ON CONTROL REGULATIONS DUE
INGREDIENT COST BASE PERIOD CHANGED BY CLC
AFMA: CLC CONSIDERING DECONTROL OF FEED INDUSTRY FROM PHASE I
CLC LIFTS PRICE CONTROLS FROM PHOSPHATE, UREA
DEHY ALFALFA CONTROLS REMOVED

PROTEIN

JAPANESE FIRMS GIVEN GO-AHEAD ON PETROLEUM PROTEINS
BRUNTHAVER FORESEES ADEQUATE PROTEIN MEAL IN U.S. BY FALL
USDA: PRICES FOR SOYBEANS, MEAL WILL CONTINUE WIDE FLUCTUATIO
PURINA EXECUTIVE FORESEES WORLD PROTEIN SHORTAGE
'STRETCHING PROTEINS' STUDIED AT GEORGIA MEET
CONVERTING HYDROCARBONS TO PROTEIN SOURCES FOR POULTRY FEEDING
TEST FOR SEEDS' OIL AND PROTEIN BEING DEVELOPED
SUNFLOWERS COULD BE MORE IMPORTANT AS PROTEIN SOURCE
HIGH PROTEINS FEEL HEAVY DEMAND
USDA DELAYS JUNE FATS AND OIL REPORT
MORE SOYBEANS, FLAXSEED TO HELP BOOST OILSEED OUTPUT
STRONG SOYBEAN DEMAND SEEN IN '73-74
USDA SEES HIGHER SUPPLIES OF HIGH PROTEIN FEEDS THIS YEAR
INCREASES IN PROTEIN TO COME FROM SOYBEANS, NOT FISH MEAL, PRO
SOY USE EXPECTED TO EXPAND SHARPLY IN NEW FEEDING YEAR
HYDROCARBON YEAST
USDA SEES CONTINUED STRONG PROTEIN MEAL PRICES
MAKING THE MOST OF YOUR PROTEIN DOLLAR
PROTEIN EXTENDING METHODS COVERED AT NFIA SYMPOSIUM
LARGER SOY CRUSH, MORE COTTONSEED MEAL PROJECTED
MAINTAINING PROFITABILITY WHILE REDUCING PROTEIN LEVEL DISCUSS
HIGH-PROTEIN FEED USAGE NOT EXPECTED TO INCREASE FOR 1973-74

PUTTING RESEARCH TO WORK

PUTTING RESEARCH TO WORK
INFLNCE OF LVL OF DIET PROTN & SRCE OF SPLMNTL PROTN ON RATE &
USE OF MOLASSES DRIED BEET PULP-UREA AS AN NPN SOURCE FOR YOUN
PREVNTN OF STREP LYMPHDNTIS IN SWINE: EFFECT OF MED WITH CHLR
THE AVAILABILITY AND ABSORPTION OF CALCIUM AND PHOSPHORUS IN T
THE LYSINE AND SULFUR AMINO ACID REQUIREMENTS AT TWO STAGES OF
PASSIVE IMMUNIZATION OF CALVES AGAINST EXPERIMENTALLY INDUCED
PREVENTION OF ZINC DEFICIENCY IN SWINE BY FEEDING BLOOD MEAL
EFFECT OF DIETARY IODINE ON THYROXINE SECRETION RATE OF LACTAT
LACK OF RESPONSE TO ADDED DIETARY MANGANESE OF CHICKS FED WHEA
CONCENTRATE ALLOWANCES BY 1971 NATL RESRCH CNCL STDS COMPARED
DATE OF FIRST CALVING IN BEEF COWS & SUBSEQUENT CALF PRODUCTIO
THE EFFECT OF COPPER SULFATE ON PERFORMANCE AND THE STRUCTURE
A SYSTEM FOR EXPRESSING THE NET ENERGY REQUIREMENTS AND NET EN
LONG TERM EFFECT OF ENERGY INTAKE ON REPRODUCTIVE PERFORMANCE
PROTEIN REQUIREMENTS OF COWS FED HIGH CONCENTRATE RATIONS
SPRINKLING CATTLE FOR RELIEF FROM HEAT STRESS
INFLUENCE OF PELLETING SWINE DIETS ON METABOLIZABLE ENERGY, GR
ADAPTATION OF RUMEN MICROORGANISMS TO BIURET AS AN NPN SPLMNT
ABOMASAL DISPLACEMENT 2: HYPOCALCEMIA AS A CONTRIBUTING CAUSAT
WORTH NOTING (POULTRY SCIENCE)
WORTH NOTING (POULTRY SCIENCE)
WORTH NOTING (POULTRY SCIENCE)

T INDEX
973

EGULATIONS	.....SEP 03 P.	1
	.....SEP 10 P.	1
	.....SEP 17 P.	1
	.....SEP 24 P.	2
	.....OCT 01 P.	4
	.....OCT 08 P.	2
E IV	.....OCT 22 P.	2
	.....OCT 29 P.	1
	.....DEC 03 P.	1
	.....JAN 15 P.	6
	.....JAN 22 P.	2
TIONS	.....FEB 05 P.	2
	.....FEB 05 P.	42
	.....FEB 26 P.	5
ING	.....MAR 05 P.	34
	.....MAY 07 P.	84
	.....MAY 07 P.	92
	.....JUN 04 P.	4
	.....JUN 25 P.	77
	.....JUL 16 P.	2
	.....JUL 30 P.	7
	.....SEP 10 P.	2
PROCESSORS TOLD	.....SEP 17 P.	2
	.....OCT 01 P.	2
	.....OCT 01 P.	24
	.....OCT 15 P.	2
	.....OCT 15 P.	31
	.....NOV 05 P.	4
	.....DEC 03 P.	5
USSED	.....DEC 10 P.	18
	.....DEC 17 P.	3
	.....JAN 01 P.	23
E & EFFCNCY OF GAIN OF PIGS WEND AT EARLY AGE	.....JAN 08 P.	52
OUNG RUMINANTS	.....JAN 15 P.	26
HLRTETRCYLNE-ISOLTN FROM SWINE IN INFCTD HERD	.....JAN 22 P.	34
N THE YOUNG GROWING PIG	.....JAN 29 P.	78
OF GROWTH IN CHICKS	.....FEB 05 P.	70
ED ENTERIC COLIBACILLOSIS BY VACC OF DAMS	.....FEB 12 P.	37
	.....FEB 19 P.	14
TATING COWS	.....FEB 26 P.	62
HEAT-SOYBEAN OR CORN-SOYBEAN MEAL BASED DIETS	.....MAR 05 P.	36
ED TO OTHER FDNG GUIDES FOR LCTING DAIRY COWS	.....MAR 12 P.	54
TION	.....MAR 19 P.	22
RE OF THE GIZZARD IN BROILERS	.....MAR 26 P.	37
ENERGY CONTENT OF FEEDS FOR YOUNG SHEEP	.....APR 02 P.	37
CE OF SWINE	.....APR 09 P.	54
	.....APR 16 P.	39
	.....APR 23 P.	36
GROWTH, AND CARCASS CHARACTERISTICS	.....APR 30 P.	64
NT TO LOW QLTY RUGHGE RATIONS FOR CTTLE & SHP	.....MAY 07 P.	101
BATIVE FACTOR	.....MAY 14 P.	30
	.....MAY 21 P.	54
	.....MAY 28 P.	34
	.....JUN 04 P.	52

WORTH NOTING (POULTRY SCIENCE)
WORTH NOTING (POULTRY SCIENCE)
WORTH NOTING (POULTRY SCIENCE)
EFFECTS OF FOUR LIGHTING REGIMES ON THE PERFORMANCE OF BROILER
EVALUATION OF MICRONIZATION PROCESS FOR CEREALS FOR GROWING PI
THE UTILIZATION BY BEEF CATTLE OF A CEREAL SUPPLEMENT GIVEN IN
ZERANOL AND DIETARY PROTEIN LVEL
EVALUATION OF CRAB MEAL AS A DIETARY INGREDIENT FOR TURKEYS
PROTEIN LEVELS FOR SWINE FED TO HEAVY WEIGHTS
EFFECTS OF HAY MIXTURE AND CALF STRATER ON YOUNG DAIRY CALVES
DIGESTIBILITY OF AND GROWTH ON RATIONS CONTAINING PROCESSED AN
WORTH NOTING (POULTRY SCIENCE)
WORTH NOTING (POULTRY SCIENCE)
AMMONIUM CHLORIDE AND AMMONIUM SULFATE IN CATTLE FEEDLOT FINIS
EFFECTS OF A ANTIBIOTIC AND FLUSHING ON PERFORMANCE OF SOWS WI
CORN SILAGE WITH AND WITHOUT GRASS HAY FOR LACTATING DAIRY COW
PROTEIN REQUIRED IN STARTERS FOR CALVES FED MILK ONCE OR TWICE
YEAST CULTURE IN DIETS FOR MECHANICALLY-FED PIGLETS AND SELF-F
YEAST CULTURE IN GROWING-FINISHING SWINE DIETS
ENERGY EVALUATION OF BREWERS GRAINS FOR GROWING AND FINISHING
FEEDING AMMONIUM ACETATE IN MOLASSES LIQUID SUPPLEMENT TO LACT
LYSINE REQUIREMENT OF THE LACTATING SOW
AMINO ACID REQUIREMENT OF THE GROWING RABBIT: AN ESTIMATE OF
INTERACTIONS OF DIETARY LEVELS OF PROTEIN AND ENERGY OF CHANNE
AN EVALUATION OF INDIVIDUAL OUTDOOR HOUSES AND ENCLOSED CONFIN
DIGESTIVE AND METABOLIZABLE ENERGY & PROTEIN UTILIZATION VALUE
COMPARATIVE FEEDLOT PERFORMANCE AND CARCASS TRAITS
A COMPARISON OF ENERGETIC EFFICIENCY OF DRY ROLLED AND RECONST
RELATIONSHIP BETWEEN PREWEANING NUTRITIONAL MGMT & THE GROWTH
THE RESPONSE OF STARTING TURKEYS TO MODERATE DIFFERENCES IN DI
UTILIZATION OF DIFFERENT VARIETIES OF RAW SOYBEANS BY MALE AND
COMPARISON OF AMINO ACID CONTENT & AVAILABILITY OF DIFFERENT S
COMPOSITION OF SHELL WASTE FROM EGG BREAKING PLANTS
FLY PUPAE AS A DIETARY INGREDIENT FOR STARTING CHICKS

QUALITY CONTROL
PROPER SAMPLING OF INCOMING FEED, INGREDIENTS URGED

RABBIT INDUSTRY
RABBIT GROWERS INCREASE IN TEXAS
SOUTH CAROLINA RABBIT PROCESSING PLANT OPENS
GEORGIANS PROMOTING RABBIT GROWING

RABBIT NUTRITION
BEEF SHORTAGE UPS 'BACK DOOR' SALES OF RABBIT

REGULATORY
FEED MEN, FDA DISAGREE OVER THE IMPLICATIONS OF CERTAIN FEED L
WHITE HOUSE NOMINATES NEW USDA SECRETARIES
EXPANDED INSPECTION SYSTEM DESIGNED TO CONTROL CORN BORER
FHA CURTAILS EMERGENCY LOANS TO FARMERS
BUTZ: PLANTING INTENTIONS, GRAIN STOCKS REPORTS MAY PROMPT MO
GROUP PRESENTS PLAN TO MODIFY USDA'S ROLE
ENGLISH RULE ON SULPHAQUINOXALINE
BUTZ GIVEN ADDED POST AS COUNSELOR TO PRESIDENT NIXON
USE OF BAMBERMYCINS FOR BROILERS APPROVED
FDS OK'S USES FOR THIABENDAZOLE BOLUSES
HANCE IS MARYLAND'S FIRST AG SECRETARY

T INDEX
973

	.....JUN 11 P. 31
	.....JUN 18 P. 36
	.....JUN 25 P. 13
LERS AND ROASTERS	.....JUL 02 P. 37
PIG	.....JUL 02 P. 37
IN LIQUID SUSPENSION OR IN THE DRY FORM	.....JUL 09 P. 34
	.....JUL 16 P. 38
	.....JUL 23 P. 33
	.....JUL 30 P. 13
ES	.....AUG 06 P. 35
AND UNPROCESSED SOYBEANS	.....AUG 13 P. 31
	.....AUG 20 P. 35
	.....AUG 27 P. 13
NISHING RATIONS	.....SEP 03 P. 13
WITH SHORT FARROWING INTERVALS	.....SEP 10 P. 27
COWS	.....SEP 17 P. 31
ICE DAILY	.....SEP 24 P. 24
F-FED PIGS	.....OCT 01 P. 48
	.....OCT 01 P. 48
NG CATTLE	.....OCT 08 P. 35
ACTATING DAIRY COWS	.....OCT 15 P. 49
	.....OCT 15 P. 50
OF QUANTITATIVE NEEDS	.....OCT 22 P. 38
NNEL CATFISH	.....OCT 29 P. 62
FINEMENT BLDGS AS FARROWING SYSTEMS FOR SWINE	.....NOV 05 P. 12
LUES OF BREWERS DRIED BY PRODUCTS FOR SWINE	.....NOV 12 P. 40
	.....NOV 19 P. 33
NSTITUTED ROLLED SORGHUM GRAIN	.....NOV 26 P. 18
TH & DEVELOPMENT OF ANGUS & HEREFORD FEMALES	.....DEC 03 P. 30
DIETARY POTASSIUM CONCENTRATION	.....DEC 10 P. 34
AND FEMALE CHICKS	.....DEC 24 P. 20
T SOYBEAN VARIETIES IN THE BROILER CHICK	.....DEC 24 P. 20
	.....DEC 31 P. 33
	.....DEC 31 P. 33
	.....AUG 27 P. 7
	.....JAN 08 P. 44
	.....JAN 08 P. 61
	.....DEC 10 P. 3
	.....SEP 10 P. 60
D LABELS	.....JAN 01 P. 4
	.....JAN 08 P. 6
	.....JAN 08 P. 64
	.....JAN 08 P. 64
MORE USDA MOVES	.....JAN 15 P. 1
	.....JAN 15 P. 5
	.....JAN 15 P. 29
	.....JAN 15 P. 36
	.....JAN 15 P. 38
	.....JAN 15 P. 38
	.....JAN 22 P. 35

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

ENVIRONMENTAL IMPACT REQUIREMENT MAY DELAY ANIMAL DRUG APPROVA

FDA INERT ON TASK FORCE REPORT SO FAR
USDA EXTENDS POULTRY LABEL REPLACEMENT DATE
NADA FOR THIABENDAZOLE AS WORMER APPROVED

SET-ASIDE REQUIREMENTS FURTHER REDUCED TO ENCOURAGE MORE PRODU
ADMINISTRATION BUDGET CALLS FOR REDUCTION IN USDA EXPENDITURES
FDA TO REVIEW CLAIMS OF HOG PREMIX PRODUCTS

STRICKLER CALLS FOR AGRICULTURAL COHESION TO FIGHT GOVERNMENT
WYOMING TO CONSIDER UNIFORM FEED BILL
DEHYDRATORS TOLD SET-ASIDE ACREAGE HAY CAN BE USED

BUTZ TALKS ABOUT HIS GOALS, DUTIES AS AG SECRETARY, NATURAL RE
EPA TO REQUIRE REGISTRATION OF LARGE STOCK UNITS LATER THIS YE
FDA APPROVES APPLICATION FOR ORAL SWINE WORMER

USDA PROPOSES STRICTER VACCINE STERILITY TEST
LITTLE EFFECT ON AG EXPORTS SEEN AFTER DOLLAR DEVALUATION
DOLLAR DEVALUATION GOOD FOR FARMERS ACCORDING TO BUTZ

USDA ANNOUNCES HIKE IN MEAT INSPECTION FEEDS
SQUIBB ACQUIRES OK FOR NEW HOG DRUG
FDA APPROVES UPJOHN ANIMAL DRUG APPLICATION

NEW POULTRY PAYMENT REGULATION PUBLISHED
NTF SUPPORTS P&SA AMENDMENT
LINCOMYCIN-ZOALENE COMBINATION APPROVED

FDA APPROVES USE OF ANTHELMINTIC FOR CATTLE
BROILER DRUG REQUEST APPROVED BY FDA
USDA ACTION ON GRAIN LOANS DEFENDED; SUPPORT FOR NIXON TRADE P

FDA APPROVES DICHLORVOS IN SYRINGE FORM
FOUNTAIN SEES MORE DRUGS BEING BANNED AS CARCINOGENS
FDA: FEED MANUFACTURERS NOT SUBJECT TO LABEL REQUIREMENTS OF
AHI PROTESTS USDA'S PROPOSAL TOUGHENING NON-INJECTABLE LIVE VI
USDA REALIGNS VETERINARY SERVICES FIELD STRUCTURE
FDA LISTS ANTIBIOTIC COMBINATIONS NO LONGER SANCTIONED IN FEED

FARM ENROLLMENT LAGS IN 1973 FEED GRAIN PROGRAM
USDA ADDS FOUR STATES TO HOGS AND PIGS REPORT
USDA GRADES TO DISTINGUISH BETWEEN YOUNG, OLD BULLS

USDA BRANCH TO CLOSE
FDA REPORT SHOWS STEADY INCREASE IN FEED MILL INSPECTIONS BY S
USDA LIFTS CHOLERA QUARANTINES IN TWO MORE STATES
FEED HEARINGS SET FOR MASSACHUSETTS
RESERPINE'S CLEARANCE FOR CHICKENS REVOKED
FDA CANCELS NADA FOR NITROPHENIDE

ICC ISSUES RAIL SERVICE ORDER TO SPEED MOVEMENT
NIXON NOMINATES FDA'S EDWARDS TO NEW HEW POSITION
METHIONINE IMPORT HEARING RESCHEDULED

PROPOSED CHANGES IN USE OF FEED ANTIBIOTICS CRITICIZED
COUNSEL DENIES FDA 'DRAGGING HEELS' ON REVIEW OF DRUGS
BIXLER TAKES 3-MONTH LEAVE FROM FDA POST

USDA ANNOUNCES COUNTY SUPPORT RATES FOR OATS
FDA APPROVES REVISIONS IN USE OF COUMAPHOS
TRICHLORFON OK'ED AS HORSE ANTHELMINTIC

USDA MOVES TO INCREASE ACREAGE OF FEED GRAINS
53% OF ELIGIBLE PRODUCERS ENROLL IN FEED GRAIN PROGRAM
FDA: FURAZOLIDONE NO LONGER APPROVED FOR LAYERS, RABBITS

USDA EXTENDS COMMENT TIME ON VACCINE PROPOSAL
YEUTTER: BUDGET CUTS WILL AFFECT USDA GRADING PROGRAMS
APPROVES THIABENDAZOLE PREMIX FOR CATTLE

DICHLORVOS AS ANTHELMINTIC IN SWINE FEED APPROVED
IPRONIDAZOLE HYDROCHLORIDE APPROVED IN DRINKING WATER
LEVAMISOLE HYDROCHLORIDE OKAYED FOR THREADWORMS

T INDEX
973
OVALS SIX MONTHS .....JAN 29 P. 10
.....JAN 29 P. 10
.....JAN 29 P. 34
.....JAN 29 P. 77
ODUCTION .....FEB 05 P. 1
RES .....FEB 05 P. 6
.....FEB 05 P. 6
NT CONTROL, UNJUST CRITICISM .....FEB 05 P. 6
.....FEB 05 P. 66
.....FEB 12 P. 2
RESOURCES COUNSELOR .....FEB 12 P. 2
YEAR .....FEB 12 P. 4
.....FEB 12 P. 4
.....FEB 19 P. 2
.....FEB 19 P. 2
.....FEB 19 P. 2
.....FEB 19 P. 46
.....FEB 19 P. 50
.....FEB 19 P. 50
.....FEB 19 P. 50
.....FEB 26 P. 27
.....FEB 26 P. 69
.....FEB 26 P. 69
.....FEB 26 P. 69
E POLICY ASKED .....MAR 05 P. 2
.....MAR 05 P. 3
.....MAR 05 P. 4
OF DRUG LISTING ACT .....MAR 05 P. 6
VIRUS VACCINE RULES .....MAR 05 P. 6
.....MAR 05 P. 44
EEDS .....MAR 12 P. 1
.....MAR 12 P. 6
.....MAR 12 P. 8
.....MAR 12 P. 36
.....MAR 12 P. 45
Y STATE AGENTS .....MAR 12 P. 53
.....MAR 12 P. 57
.....MAR 12 P. 65
.....MAR 12 P. 72
.....MAR 12 P. 72
.....MAR 19 P. 2
.....MAR 19 P. 4
.....MAR 19 P. 6
.....MAR 26 P. 2
.....MAR 26 P. 2
.....MAR 26 P. 4
.....MAR 26 P. 36
.....MAR 26 P. 48
.....MAR 26 P. 48
.....APR 02 P. 1
.....APR 02 P. 2
.....APR 02 P. 6
.....APR 02 P. 7
.....APR 02 P. 7
.....APR 09 P. 77
.....APR 09 P. 77
.....APR 09 P. 77
.....APR 09 P. 77

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

CENTRAL SOYA RECEIVES POULTRY PREMIX APPROVALS
PENNSYLVANIA FEED VIOLATIONS REPORTED UP
GEORGIA PROTESTS PROPOSAL TO MOVE APHIS CENTER
CENTRAL SOYA GETS OK FOR DECOQUINATE LEVEL
DECISION EXPECTED SOON ON METHIONINE CHARGES
FDA WITHDRAWS APPROVAL OF POULTRY FEED PRODUCT
CENTRAL SOYA APPLICATION FOR PREMIX APPROVED
APHIS TO TAKE OVER KENTUCKY INSPECTIONS
USDA SEEKS APPLICANTS FOR GRAIN AGENCY
USDA: POULTRY PLANTS MUST CLEAN INSPECTORS' CLOTHING
SULFADIMEXTHOXINE BOLUSES APPROVED
STERILE AMPICILLIN TRIHYDRATE APPROVED
FDA OK'S CHANGES IN OLEANDOMYCIN
FDA REVISES RULE ON PYRANTEL TARTRATE
EPA PROPOSES AG WASTEWATER PERMIT APPLICATION FORM
USDA TO HOLD PUBLIC HEARING ON 'PUTS' AND 'CALLS'
JAPAN METHIONINE DUMPING CALLED BY COMMISSION
INDUSTRY SEEKING CHANGES IN FEED REGISTRATIONS TO REDUCE PAPER
POULTRYMEN REGRET PROPOSAL TO STOP MARKETING GUIDES
USDA TO BEGIN CROP AND LIVESTOCK SURVEY
ESTABLISHING SAFETY OF FEED ADDITIVES USED FOR PRODUCTION ENHA
USDA SEEKS GRAIN INSPECTION AGENCY
EMERGENCY LIVESTOCK FEED OFFERED BY USDA
MORE INTERPLAY BETWEEN SCIENCE, GOVERNMENT ON AG MATTERS SUGGE
ESTABLISHING EFFICACY OF FEED ADDITIVES USED FOR PRODUCTION EN
ILLINOIS DOCTOR CHOSEN FOR FDA
RULE AFFECTS HOT DOGS USING POULTRY MEAT
USDA WILL WAIVE CCC OAT LOAN INTEREST
USDA ISSUES BARLEY LOAN SCHEDULES
TIME EXTENDED FOR MASTITIS CERTIFICATIONS
PACKERS REMINDED OF ILLEGALITY OF CUSTOM FEEDING, THEN SELLING
DAIRYMEN WANT PRICE HEARING
FDA READY TO ACT ON ARSENIC LEVELS
NEW YORK OUTLAWS GARBAGE FEEDING
FDA EXPANDS COUMAPHOS USE
FDA GIVES OK FOR GENERAL ANESTHETIC
FDA GRANTED MORE POWER BY COURT
FDA APPROVES RESPIRATORY DRUG
BROILER COMBINATION APPROVED BY FDA
ARSENIC TOLERANCE CHANGE APPROVED
EXPANDED USE OF THIABENDAZOLE OKAYED
USDA PROPOSES SPECIAL TURKEY GRADING STANDARD
REORGANIZE ASCS TO MAKE AGENCY MORE STREAMLINE
KOSHER POULTRY RULING REVERSED
GRAIN INSPECTION AGENCY NAMED
USING MARKING DEVICES
IOWA GRAIN INSPECTION AGENCY IS TRANSFERRED
PROPOSED CLOSING
FDA APPROVES CATTLE DRUG USE
OK FOR PENICILLIN APPLICATION GIVEN
FDA PROPOSES DEVELOPMENT OF NEW ASSAY STANDARDS FOR DRUG DETEC
USDA POULTRY NEWS REPORTS CURTAILED
USDA PROPOSED 4-D POULTRY RULE CHANGE
ERS REORGANIZED TO CONCENTRATE ON NEW PROBLEMS
USDA ACTS TO IMPROVE MARKETS FOR FIVE CROPS
USDA EASES REGS ON ANAPLASMOSIS
COURT UPHOLDS USDA SUBPOENA POWER
USDA NAMES CONSUMER AFFAIRS ASSISTANT

T INDEX
973

.....APR 09 P. 77
.....APR 16 P. 4
.....APR 16 P. 47
.....APR 16 P. 52
.....APR 23 P. 48
.....APR 30 P. 2
.....APR 30 P. 2
.....APR 30 P. 48
.....APR 30 P. 66
.....MAY 07 P. 114
.....MAY 14 P. 6
.....MAY 14 P. 6
.....MAY 14 P. 6
.....MAY 14 P. 6
.....MAY 14 P. 30
.....MAY 14 P. 41
.....MAY 21 P. 2
PERWORK .....MAY 21 P. 3
.....MAY 21 P. 6
.....MAY 21 P. 42
NHANCEMENT .....MAY 21 P. 47
.....MAY 21 P. 49
.....MAY 21 P. 69
GGESTED .....MAY 28 P. 9
ENHANCEMENT .....MAY 28 P. 19
.....JUN 04 P. 2
.....JUN 04 P. 7
.....JUN 04 P. 17
.....JUN 04 P. 51
.....JUN 11 P. 46
ING .....JUN 18 P. 5
.....JUN 18 P. 5
.....JUN 18 P. 7
.....JUN 18 P. 7
.....JUN 18 P. 42
.....JUN 18 P. 42
.....JUN 25 P. 6
.....JUL 09 P. 6
.....JUL 09 P. 6
.....JUL 09 P. 6
.....JUL 09 P. 6
.....JUL 09 P. 7
.....JUL 09 P. 33
.....JUL 09 P. 47
.....JUL 09 P. 49
.....JUL 16 P. 20
.....JUL 16 P. 44
.....JUL 16 P. 46
.....JUL 16 P. 52
.....JUL 16 P. 52
TECTION .....JUL 23 P. 1
.....JUL 23 P. 6
.....JUL 23 P. 7
.....JUL 23 P. 12
.....JUL 23 P. 16
.....JUL 23 P. 19
.....JUL 23 P. 32
.....JUL 23 P. 34

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

SCHMIDT NAMED TO HEAD FDA
FDA MOVES ON NITROSAMINE IN CURING PREMIXES
TOXICITY STUDIES PROPOSED FOR SULFONAMIDE DRUGS
UGSA SCHEDULE MAY BE IN EFFECT BY AUGUST 13
COMMODITY GROUP PROPOSES FEE HIKES
DRUGS LABELED FOR USE IN LIQUID FEED SUPPLEMENTS NEED APPROVAL
INJECTABLE WORMER FOR CATTLE CLEARED
ZERANOL IMPLANT LIMITATIONS CHANGED
TURKEY, DUCK GRADE STANDARD REVISIONS SET
FDA OKAYS BROILER FEED COMBINATION
VINELAND EGG DIP TO BE WITHDRAWN
MEAT INSPECTION CHANGE PROPOSED
FDA OK'S NEW TYLOSIN CHANGE
FEED GRAIN PROGRAM DETAILS OUTLINED
FDA APPROVES DICHLORVOS PROPOSAL
FDA ANSWERS QUESTIONS TO HELP CLARIFY DRUG LISTING ACT OF 1972
CATTLE IDENTIFICATION RULES STRENGTHENED
CHANGES PROPOSED FOR BIOLOGICS IMPORT REGULATIONS
FDA RULES ON NITROFURAN DRUGS
MORE AWARENESS OF REGULATORY MATTERS URGED
CHANGE IN BOLUS USE
SORGHUM CHANGES DISCUSSED BY NGFA
USDA PROPOSES CODIFYING VET BIOLOGICS REGS
NEW SWINE FEED COMBINATION APPROVED
CEA'S CALDWELL DEFENDS AGENCY IN HOUSE HEARINGS
INADEQUATE KNOWLEDGE HAMPERS CONTROVERSIAL DECISIONS
VEHICLE CLEANLINESS CHECKS PROPOSED
CATTLE TREATMENT DRUG APPROVED
ANIMAL TREATMENT DRUG APPROVED
AMPICILLIN TRIHYDRATE BOLUSES USE APPROVED
COMBINATION DRUG CLEARED FOR CHICKEN
INVESTIGATION OF BUTZ REPORTED
FDA EASES RULE ON LABELING DRUGS FOR DRY FEEDS AGAINST USE IN
GRAIN INSPECTION AGENCIES TRANSFERRED
FDA PROPOSES MEDICATED FEED B LOCKS TO BE SUBJECT TO NADA REGS
CHANGE IN INTERPRETATION OF DELANEY CLAUSE RECOMMENDED
MASTITIS TREATMENT DRUG APPROVED BY FDA
AFMA CHALLENGES PROPOSAL LIMITING USE OF COPPER
FDA CLARIFIES MAILING OF DRUG LISTING FORM
N.C. FEED LAW RULES ADOPTED
USDA TO UPDATE FIELD OFFICES
ICC RAIL UNIT TO REORGANIZE
ATTORNEY GENERAL NAMES FARM SPECIALIST
BETTER APPROACH TO ANIMAL DRUG REGULATIONS CALLED FOR
FINAL FDS RESIDUE ASSAY PROPOSAL EXPECTED BY APRIL
DR. HOLT NAMED TO FDA ANIMAL DRUG DIVISION
CALCIUM PANTOTHENATE DECISION REACHED
POTASSIUM PENICILLIN APPROVED FOR TURKEYS
REVISIONS PROPOSED ON BIOLOGICS RULES
BROILER WEIGHT GAIN AID APPROVED BY FDA

RESEARCH

LAND GRANT AG RESEARCHERS, FUNDS SAID VERY LIMITED
USDA AWARDS GRANTS
INTERNATIONAL GROUP TO STUDY BENEFIT-RISK RATIO CONDITIONS
PUBLIC MUST REALIZE VALUE OF AGRICULTURAL RESEARCH IF SUPPORT
GEORGIA POULTRY INDUSTRY MAY GET RESEARCH AID
ENTERITIS WORK PLANNED

T INDEX
973
.....JUL 23 P. 39
.....JUL 23 P. 42
.....JUL 30 P. 7
.....AUG 06 P. 5
.....AUG 06 P. 5
VAL .....AUG 13 P. 1
.....AUG 13 P. 41
.....AUG 13 P. 41
.....AUG 20 P. 6
.....AUG 20 P. 43
.....AUG 20 P. 43
.....AUG 20 P. 46
.....AUG 27 P. 5
.....SEP 03 P. 1
.....SEP 03 P. 46
972 .....SEP 10 P. 2
.....SEP 10 P. 60
.....SEP 10 P. 62
.....SEP 10 P. 82
.....SEP 17 P. 2
.....SEP 17 P. 7
.....SEP 17 P. 7
.....SEP 24 P. 26
.....OCT 01 P. 63
.....OCT 08 P. 2
.....OCT 22 P. 1
.....OCT 22 P. 30
.....OCT 22 P. 44
.....OCT 22 P. 44
.....OCT 22 P. 44
.....OCT 22 P. 44
.....OCT 29 P. 2
IN LIQUIDS .....NOV 05 P. 2
.....NOV 05 P. 48
EGS .....NOV 12 P. 2
.....NOV 19 P. 4
.....NOV 19 P. 49
.....NOV 26 P. 6
.....NOV 26 P. 9
.....DEC 03 P. 4
.....DEC 10 P. 4
.....DEC 10 P. 8
.....DEC 10 P. 38
.....DEC 17 P. 1
.....DEC 17 P. 2
.....DEC 24 P. 22
.....DEC 31 P. 35
.....DEC 31 P. 37
.....DEC 31 P. 37
.....DEC 31 P. 37
.....FEB 12 P. 5
.....FEB 12 P. 39
.....MAR 05 P. 8
RT TO CONTINUE: BISHOP .....MAR 12 P. 52
.....MAR 26 P. 19
.....MAR 26 P. 22

SWINE PARASITE GRANT
TURKEY DISEASE RESEARCH FUNDED
ENTOMOLOGY GRANTS
GEORGIA BUILDING NEW SWINE RESEARCH FACILITY
SWINE RESEARCH CENTER
SWINE FEEDING RESEARCH
FEED FIRMS DONATE TO NEBRASKA FUND
FEED FIRMS DONATE TO NEBRASKA FUND
CORNELL, USDA TO STUDAY DAIRY GENETICS
RESEARCH FUNDED BY MISSOURI CHECK-OFF
PIG RESEARCH FUNDED
ARS GRANTS MONEY TO STUDY BLUECOMB, ND
KSU, ARS TO CONDUCT WHEAT INSECT RESEARCH
CHEAPER RESEARCH GOAL OF WSU STUDY
GRAIN MOISTURE TEST BEING RESEARCHED
SCIENTISTS TO STUDY SWINE REPRODUCTION
ARKANSAS GIVEN RESEARCH GRANTS
DAIRY GENETIC STUDY
CLEMSON WORKING ON CALF, PIG RESEARCH
POULTRY RESEARCH
USDA AWARDS ND GRANT TO PAKISTAN
AG LIBRARY TO HAVE RESEARCH INDEXED
SWINE RESEARCH GRANT
NUTRITION RESEARCH GRANT AWARDED
RESEARCHERS TO STUDY WASTE RECYCLING
ELEVATOR FINANCE RESEARCH FUNDED
FABABEAN TESTS TO BE CONDUCTED IN CANADA

RESIDUES
PROPER USE OF ANIMAL DRUGS, CHEMICALS RESPONSIBILITY OF PRODUC
USDA FINDS 64 RESIDUE VIOLATIONS IN FIRST QUARTER
'ZERO TOLERANCE' FOR FEED ADDITIVE RESIDUES NEEDS CHANGING: B
HEXOCHLOROBENZINE FOUND IN CATTLE IN LOUISIANA
FOOD SCIENTIST SAYS BANNING DES MAY HAVE BEEN AN UNWISE MOVE
EPA RECOMMENDS GUIDELINES FOR PERMISSIBLE HCB LEVELS IN FAT TI
FDA WATCHING NEW DANGER
USDA FINDS 122 ILLEGAL RESIDUES IN 4,000 MEAT, POULTRY SAMPLES
USDA STEPS UP RESIDUE TESTING IN SOUTHEAST
APHIS ESTABLISHES RESIDUE TESTING LAB
CHLORDANE SOURCES IN FEED BEING SOUGHT

ROUGHAGE
ROUND HAY BALES
HAY PRODUCTION UP, BUT STRONGER PRICES SEEN

SAFETY
OSHA PROVISIONS, WAY TO COMPLY WITH REGULATIONS FEATURED IN SL
USDA TO CONTINUE FARM SAFETY PROGRAM
PURINA SAFETY PROGRAM SUCCESSFUL
POULTRYMEN UPDATED ON PLANT SAFETY, NOISE PROBLEMS ENVIRONMENT
SAFETY IN THE FEED MILL
MANUFACTURING PLANT NOISE SEMINARS SET
OSHA VIOLATIONS IN BROILER PLANTS REPORTED BY NBC
20% OF FEED PLANTS CHECKED MEET OSHA REGULATIONS
AFMA: OSHA WANTS INDUSTRY INPUT TO MAKE RULES EQUITABLE, WORK

SAFFLOWER MEAL
ENERGY VALUES OF SAFFLOWER MEALS FOR TURKEYS

T INDEX
973

.....APR 02 P. 13
.....APR 09 P. 25
.....APR 09 P. 49
.....APR 09 P. 49
.....APR 09 P. 83
.....APR 30 P. 44
.....MAY 07 P. 72
.....MAY 07 P. 73
.....JUN 18 P. 13
.....JUL 09 P. 37
.....JUL 16 P. 13
.....JUL 16 P. 20
.....JUL 30 P. 64
.....AUG 13 P. 20
.....AUG 27 P. 42
.....SEP 24 P. 13
.....SEP 24 P. 40
.....OCT 01 P. 52
.....OCT 01 P. 52
.....OCT 01 P. 61
.....NOV 05 P. 34
.....NOV 19 P. 38
.....DEC 03 P. 15
.....DEC 10 P. 32
.....DEC 17 P. 12
.....DEC 17 P. 29
.....DEC 31 P. 39

DUCERS, SAY SPEAKERS .....FEB 19 P. 7
.....MAY 07 P. 6
BEESON .....MAY 14 P. 2
.....MAY 28 P. 5
E .....MAY 28 P. 5
TISSUE .....JUN 18 P. 41
.....JUN 18 P. 52
LES .....AUG 20 P. 3
.....OCT 08 P. 6
.....OCT 08 P. 14
.....OCT 22 P. 50

.....OCT 08 P. 14
.....DEC 24 P. 10

SLIDE SHOW .....JAN 08 P. 10
.....FEB 19 P. 44
.....FEB 26 P. 61
ENTAL CONTROL AT FACT FINDING .....APR 23 P. 6
.....MAY 07 P. 50
.....MAY 07 P. 110
.....MAY 14 P. 34
.....JUN 04 P. 2
ORKABLE .....DEC 03 P. 4

.....JUN 18 P. 28

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

SALMONELLA
FEED IS ONE TARGET OF NEW SALMONELLA CONTROL EFFORT
SALMONELLA CONTROL MEETING SET
INDUSTRY, FDA DISCUSS SALMONELLA FIGHT
FDA TO PROPOSE SALMONELLA RULES AT MEETING
AHA ADOPTS FDA SALMONELLA CONTROL PLAN

SELENIUM
SELENIUM CONTENT RESEARCH
AVAILABILITY OF SELENIUM IN POULTRY FEEDS MEASURED BY CORNELL
SELENIUM APPROVAL EXPECTED WITHIN NEXT FEW WEEKS
SELENIUM-DEFICIENT DIETS COSTING POULTRY, SWINE PRODUCERS MILL
FDA PROPOSAL FOR USE OF SELENIUM IN SOME FEEDS FINALLY PUBLISH
CORNELL SCIENTIST REPORTS ON BIOLOGICAL ROLE OF SELENIUM, VITA
FEW COMMENTS RECEIVED ON SELENIUM PROPOSAL
THE VALUE OF SELENIUM IN ANIMAL FEEDING
AFMA ASKS QUICK ACTION ON FDA PROPOSAL TO ADD SELENIUM TO FEED
FDA SELENIUM COMMENT PERIOD NETS 162 REPLIES
SELENIUM INJECTIONS HELP CATTLE FEEDLOT PERFORMANCE
SELENIUM DEFICIENCY IN SWINE PRODUCTION
SELENIUM AS A FEED ADDITIVE: A CRITIQUE
SELENIUM PROPOSAL SAID ADVANCING

SHRIMP MEAL
VARIABILITY IN PROXIMATE ANALYSIS OF DIFFERENT PROCESSED SHRIM

SILAGE
SILAGE FROM CROP RESIDUES AND MANURE CALLED 'SUITABLE FEED'

SOYBEAN FOODS
"SYNTHETICS" GAINING GROUND
SOY SUPPLIERS ENTER DIRECT CONSUMER MARKET
PROTEIN MARKETS DRAW MORE COMPANIES

SOYBEAN MEAL
STATE FEED GROUPS APPROVE RESOLUTION TO CHANGE SOYBEAN MEAL TR
POOR MEAL YIELD CUTTING SOY OUTPUT

SOYBEANS
SURVEY INDICATES SOYBEAN ACRES MAY INCREASE 4.3% THIS YEAR
SOYBEAN OUTLOOK DEPENDS ON PERUVIAN FISH, WORLD HARVEST
SOYBEAN, LINSEED OIL USED TO SPRAY CROP CHEMICAL
SOYBEAN PLANTINGS MAY INCREASE BY 12.8%
U.S. FARMERS WILL MEET 1973 SOYBEAN DEMAND: ASA EXEC
USDA ADVISES SOYBEAN PRODUCERS TO GET SEED NOW
FEED PRICES AVERAGE 3% HIGHER IN LATEST MONTH, BUT SOY MARKETS
USDA: SET-ASIDE REVISION COULD LIFT SOYBEAN PLANTINGS ABOVE 5
USDA FORSEES CONTINUED HIGH SOY MEAL PRICES
NEW SOYBEAN VARIETIES
WORLD SOYBEAN OUTLOOK SEEN HEALTHY
SOYBEAN GROWERS SEE 19.8% RISE IN '73 PLANTINGS
JAMAICA SOYBEAN OUTPUT EXPANDS
JAMAICA SOYBEAN OUTPUT EXPANDS
OLD CROP SOYBEAN CARRYOVER, FARM STOCKS DOWN FROM PREVIOUS YEA
BRAZIL: A GROWING COMPETITOR FOR U.S. SOYBEAN MARKETS
SOYBEAN PRICES PAST PEAK, BUT SHOULD CONTINUE FIRM
PROCESSORS FACE HEXANE SHORTAGE

	.....AUG 27 P. 41
	.....AUG 27 P. 73
	.....SEP 10 P. 6
	.....OCT 15 P. 51
	.....OCT 29 P. 7
	.....JAN 29 P. 32
LL SCIENTISTS	.....FEB 05 P. 61
	.....FEB 19 P. 2
ILLIONS, CONFERENCE TOLD	.....APR 09 P. 1
ISHED IN REGISTER	.....APR 30 P. 1
ITAMIN E IN POULTRY DISEASE	.....MAY 07 P. 78
	.....MAY 21 P. 3
	.....MAY 21 P. 48
EED	.....JUN 04 P. 2
	.....JUL 09 P. 1
	.....AUG 13 P. 4
	.....NOV 12 P. 30
	.....DEC 03 P. 26
	.....DEC 10 P. 1
RIMP MEALS	.....NOV 12 P. 34
	.....SEP 10 P. 59
	.....JUN 18 P. 12
	.....NOV 12 P. 5
	.....DEC 10 P. 53
TRADING RULES	.....MAR 12 P. 6
	.....APR 30 P. 73
	.....JAN 15 P. 36
	.....FEB 26 P. 5
	.....FEB 26 P. 44
	.....MAR 05 P. 6
	.....MAR 05 P. 6
	.....MAR 05 P. 51
ETS CONTINUE TO WEAKEN	.....APR 02 P. 1
E 54 MILLION ACRES	.....APR 09 P. 6
	.....APR 16 P. 1
	.....APR 23 P. 40
	.....JUN 11 P. 4
	.....JUL 02 P. 4
	.....JUL 30 P. 65
	.....JUL 30 P. 65
YEAR	.....SEP 24 P. 7
	.....OCT 22 P. 22
	.....NOV 19 P. 2
	.....DEC 10 P. 49

STILBESTROL: SEE HORMONES

STOCK MARKET
DRUG INDUSTRY FARING WELL IN STOCK MARKET
CHANGE MADE IN AGRIBUSINESS AVERAGE

STORAGE
GRAIN STORAGE COSTS MAY JUMP 15%, USDA SAYS
OFF-FARM GRAIN STORAGE CAPACITY UP
DEFERRED RE-PAYMENT OF STORED GRAIN UNDER LOAN TO BE ALLOWED B
GRAIN STORAGE, HANDLING RATES FROZEN AT PRE-JULY 1 LEVEL
NATIONAL GRAIN STORAGE PLAN SUGGESTED FOR CANADIANS
CCC REPORTS LESS TOTAL INVESTMENT FOR FISCAL 1973
HALF OF '73 BEANS, CORN MAY STAY ON FARM
NEED MORE PLANT SPACE? BETTER PLANNING MAY SOLVE PROBLEM
INSECTS SEEN BUILDING PESTICIDE RESISTANCE
TREND TO MORE FARM BUILDINGS SEEN
GRAIN STORAGE IN BUFFALO DROPS
CCC INVENTORY DROPS; STORAGE LOANS INCREASE
INDUSTRY MUST INVENTORY GRAIN STOCKS: CAMPBELL

SWINE HEALTH
SWINE FEVER STUDY
ILLINOIS PRODUCERS TELL WHAT THEY EXPECT FROM VETS
THE M.M.A. SWINE DISEASE SYNDROME
ECONOMICS OF WORMING SWINE FOR WHIPWORMS SHOWN
DISEASE PREVENTIONS ONE OF 'SECRETS' OF GOOD SWINE MANAGEMENT,
CLEMSON STUDIES POTENTIAL CAUSES OF ULCERS IN SWINE
TGE PROTECTION
USDA SURVEY FINDS SOME OF THE CAUSES OF HOG CHOLERA OUTBREAKS
REDUCING PSS LOSSES
EPIDEMIC RECTAL STRICUTRES
CHOLERA FOUND IN TEXAS HOG HERD
HOG INDUSTRY ALERTED TO WATCH FOR CHOLERA DESPITE RECORD LULL
HEAT, MANAGEMENT FACTORS IN REPRODUCTIVE FAILURES
FARMER, VET DISCUSS DISEASE IN BREEDING HERDS
FIGHTING TUBERCULOSIS
IDENTIFICATION URGED AS MEANS TO CURB CHOLERA
CHOLERA CHECKED OUT
USDA REPORTS HOG CHOLERA IN INDIANA HERD
SCIENTISTS FIND ANESTHETIC TEST FOR PSS IN PIGS
FIGHTING PSS
HOG CHOLERA OUTBREAK BRINGS USDA WARNING
SWEDEN CHOLERA FREE
ERYSIPELAS SAID TO BE SPREAD BY CARRIERS
DVM STRESSES IMPORTANCE OF QUALIFIED VET SERVICES
DANGER OF MOLDY CORN IN SOW RATIONS CITED
CHOLERA ADVISORY COMMITTEE TO MEET
TGE DETECTION TEST DEVELOPED BY CANADIANS
GOOD MANAGEMENT PRACTICES CALLED ESSENTIAL TO SWINE DISEASE CO
SWINE HEALTH PROGRAM
DIETARY CAUSES OF ATROPHIC RHINITIS IN SWINE STUDIED

SWINE INDUSTRY
HOG PRODUCERS APPEAR HEADED FOR ANOTHER GOOD YEAR; FEED PRICES
ECONOMIST: PORK PRICE DEPEND ON CONTINUED STRONG DEMAND

T INDEX
973

	.....***	P.	
	.....APR 02	P.	9
	.....JUL 16	P.	8
	.....APR 09	P.	9
	.....MAY 14	P.	26
D BY USDA	.....JUN 04	P.	6
	.....JUL 02	P.	2
	.....JUL 16	P.	4
	.....JUL 16	P.	6
	.....JUL 30	P.	40
	.....JUL 30	P.	41
	.....AUG 06	P.	38
	.....AUG 27	P.	40
	.....SEP 10	P.	68
	.....SEP 17	P.	7
	.....NOV 12	P.	6
	.....JAN 29	P.	19
	.....JAN 29	P.	60
	.....MAR 12	P.	18
	.....MAR 12	P.	30
NT, ARIZONANS TOLD	.....APR 02	P.	4
	.....APR 02	P.	13
	.....APR 23	P.	12
KS	.....APR 23	P.	12
	.....APR 23	P.	12
	.....APR 30	P.	16
	.....MAY 14	P.	14
LL IN INCIDENCE	.....MAY 14	P.	15
	.....MAY 21	P.	12
	.....JUN 04	P.	14
	.....JUN 11	P.	12
	.....JUN 18	P.	5
	.....JUN 18	P.	16
	.....JUL 09	P.	4
	.....JUL 09	P.	14
	.....JUL 23	P.	15
	.....AUG 06	P.	12
	.....AUG 06	P.	14
	.....SEP 03	P.	41
	.....SEP 17	P.	14
	.....OCT 01	P.	17
	.....OCT 01	P.	17
	.....OCT 15	P.	14
CONTROL	.....OCT 22	P.	12
	.....OCT 29	P.	41
	.....NOV 12	P.	14
CES MAY AFFECT EXPANSION	.....JAN 01	P.	9
	.....JAN 15	P.	12

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

BUYING FEEDER PIGS
CAROLINA HOG MEN HEAR ABOUT PRODUCTION COSTS, RETURNS
POTENTIAL FOR INTEGRATION IN SWINE INDUSTRY EXAMINED
SWINE MARKETING ASSOCIATIONS GAINING POPULARITY IN EAST, CENTR
REDUCE WITH PORK
PORK PRODUCERS TOLD: 'DON'T APOLOGIZE FOR TODAY'S PRICES'
USDA SEES 'ACCELERATED GROWTH' FOR CATTLE, MORE PORK IN 1974
HOG SEEDSTOCK PRODUCER'S FUTURE LOOKS SECURE
TEXAS HOG MEN FEELING COST PINCH
TEXAN: EXPENSIVE FACILITIES HURT NEW HOG PRODUCERS
INDIANA HOG MAN DESCRIBES HOW AND WHY HE INCORPORATED
DESPITE $40 HOGS, PRODUCERS DON'T SEE OVER-EXPANSION AROUND CO
DEALER GROUP OKAYS STANDARDS FOR STARTING OF FEEDER PIGS
TREND TO MORE FARROWING, CUSTOM HOG FEEDING NOTED IN TEXAS PAN
PANELISTS CALL LEANER PORK 'HEALTH FOOD' AT MEETING
CANADIANS LOOK TO MORE PORK EXPORT BUSINESS
SIMERL FORESEES INCREASED PROK OUTPUT THIS FALL
PACKERS CONCERNED ABOUT LOW MARKET HOG SUPPLIES
NEBRASKA GRAIN WILL OUTSTRIP USE FOR LIVESTOCK
FEED EFFICIENCY VITAL IN ILLINOIS HOG PROFITS
SURVEY: 50% OF HOG MEN PLAN SOME EXPANSION
STOCK BREEDING HERD: DON'T DEPLETE IT, ECONOMISTS ADVISE
PIG REPORT, CROP FORECAST BOOST HOG MEN'S PROSPECTS
FARROW TO FINISH OPERATION MOST PROFITABLE IN ILLINOIS
SMALL SWINE PRODUCERS SHOW MOST CUTBACK
PORKFEST NO. 2
CAROLINA HOG MEN VOTE ON REFERENDUM
MORE 'NICKELS FOR PROFIT'
HOG GROWERS VOTE TO CONTINUE CHECK-OFF
SOVIET HOG FACTORY
HIGHLIGHTING PORK
MORE 'NICKELS FOR PROFIT'
PORKETTE PROJECT
JAPANESE TOP BIDDERS FOR BOARS
STATE PORK ASSOCIATIONS SEE EXPANSION POTENTIAL
ECONOMY OF SIZE STUDIED FOR SWINE FINISHING OPERATIONS IN ALAB
USDA SEES DECLINING MEAT PRICES AHEAD AS BEEF, PORK SUPPLIES C
MEAT INSTITUTE'S DE GRAFF OPTIMISTIC ON PORK OUTLOOK
PORK POPULARITY
NO PORK EXPANSION SEEN DESPITE RECORD PRICES
PORK PRODUCTION COSTS UP $9 IN IOWA; FEED MAJOR FACTOR
'IDEAL' RESEARCH PIG DISCOVERED, USDA REPORTS
CONNECTICUT PIG RAISING
PIG PRODUCTION UPTURN SEEN IN ABOUT 6 MONTHS
SPECIALIST LOOKS AT FUTURE OF MICHIGAN HOG PRODUCTION
NEVADA HOG OPERATION PLANNED
ADDITIONAL BEEF SUPPLIES WILL OFFSET LESS LAMB, VEAL; LITTLE C

SWINE MANAGEMENT
BIRTHWEIGHT STUDY
CONFINEMENT PRODUCTION OF GROWING-FINISHING SWINE
REPRODUCTION IN COLD WEATHER
FARROWING STUDY
FEET, LEG PROBLEMS
WATCH THE VENTILATION
HEAT, MANAGEMENT FACTORS IN REPRODUCTIVE FAILURES
HOG CONFINEMENT POSES NEW PROBLEMS
HEAT STRESS ON SOWS, GILTS EXAMINED

T INDEX
973

	.....JAN	15 P.	13
	.....JAN	22 P.	4
	.....JAN	22 P.	5
NTRAL TEXAS	.....JAN	29 P.	56
	.....FEB	12 P.	18
	.....FEB	19 P.	4
4	.....FEB	26 P.	4
	.....FEB	26 P.	15
	.....FEB	26 P.	55
	.....MAR	12 P.	8
	.....MAR	12 P.	26
CORNER	.....MAR	19 P.	1
	.....MAR	26 P.	22
PANHANDLE AREA	.....APR	02 P.	4
	.....APR	02 P.	4
	.....APR	09 P.	18
	.....JUN	04 P.	5
	.....JUN	11 P.	4
	.....JUN	18 P.	4
	.....JUN	18 P.	4
	.....JUL	02 P.	5
	.....JUL	09 P.	13
	.....JUL	16 P.	13
	.....JUL	23 P.	15
	.....JUL	23 P.	16
	.....AUG	06 P.	14
	.....AUG	20 P.	47
	.....SEP	03 P.	14
	.....SEP	10 P.	4
	.....SEP	10 P.	19
	.....SEP	10 P.	19
	.....SEP	17 P.	17
	.....SEP	17 P.	17
	.....SEP	24 P.	8
	.....OCT	01 P.	17
LABAMA	.....OCT	08 P.	12
S CLIMB	.....OCT	15 P.	1
	.....OCT	15 P.	12
	.....OCT	22 P.	13
	.....OCT	29 P.	40
	.....NOV	05 P.	16
	.....NOV	19 P.	12
	.....NOV	19 P.	12
	.....NOV	26 P.	47
	.....DEC	03 P.	12
	.....DEC	17 P.	8
E CHANGE IN PORK	.....DEC	31 P.	11
	.....JAN	22 P.	18
	.....MAR	12 P.	17
	.....MAR	19 P.	21
	.....APR	02 P.	13
	.....APR	23 P.	13
	.....MAY	07 P.	22
	.....MAY	21 P.	12
	.....MAY	28 P.	1
	.....JUN	04 P.	5

FEEDSTUFFS SUBJECT
FOR ENTIRE YEAR 197

PIG REARING 'MYTHS'
HOW MUCH SPACE?
PRODUCTIVITY POINTERS
BREEDING FOR GAINS
SPACE REQUIREMENTS
AUTOMATIC FEEDINGS OF PIGS
CUTTING PIG LOSSES
SOUND DEVICE DETECTS NON-PREGNANT SOWS, CUTS PORK PRODUCTION

SWINE NUMBERS
DECEMBER 1 HOG NUMBERS DOWN 2%; 1973 FIRST HALF FARROWING INT
USDA ECONOMIST LISTS FACTORS DOMINATING LIVESTOCK, POULTRY FE
CATTLE, HOG, LAMB PRICES IN FIRST HALF OF 1973 TO BE ABOVE YE
HOG NUMBERS UP 2% FROM YEAR AGO; MARCH-MAY FARROWING INTENTIO
ENLARGED CATTLE INVENTORY MAY RESULT IN BEEF BULGE IN '70S
TOP STATES REPORT FARROWING INTENTIONS
USDA RANKS STATES BY LIVESTOCK NUMBERS
SOUTH CAROLINA--HOG LAND
SIX-MONTH FARROWING INTENTIONS SHOW NO CHANGE FROM YEAR AGO
NO SOW FARROWING EXPANSION SEEN
LIVESTOCK REPORT SIGNALS NO INCREASE IN PORK SUPPLY
GEORGIA HOG NUMBERS UP
SWINE FARROWING INTENTIONS THROUGH NEXT FEBRUARY ALMOST SAME
FARROWING INTENTIONS BROKEN DOWN STATE-BY-STATE IN USDA REPOR
SMALLER BEEF, HOG SUPPLY PREDICTED FOR NEAR FUTURE
SIX-MONTH FARROWING INTENTIONS SHOW SLIGHT INCREASE OVER YEAR
PORK PRODUCTION EXPECTED TO LAG YEAR-EARLIER LEVELS

SWINE NUTRITION
ILLINOIS SCIENTIST SUGGESTS WAYS TO REDUCE FEED PROTEIN COSTS
CALCIUM, PHOSPHORUS
KANSAN REVIEWS RESEARCH ON WHEAT, TRITICALE IN HOG RATIONS
WEANING STUDY
FINER GRIND OF CORN SHOWN BENEFICIAL IN FEEDING TRIALS
NEBRASKA TESTS PERFORMANCES ON 10%, 14% PROTEIN DIETS
COMPARING PROTEIN SOURCES
NEBRASKAN: SOYBEAN MEAL, SUPPLEMENTS STILL BEST PROTEIN SOUR
ADDING LYSINE
CLEMSON SCIENTISTS REPORT SWINE RESEARCH PROJECTS
LYSINE STUDY
RYE, TRITICALE VS. CORN
FOOD WASTE MAKES HIGH ENERGY SWINE DIET
HIGH-LYSINE CORN IN SWINE DIETS
GENETIC RESPONSES TO DIFFERENT DIETARY PROTEIN LEVELS STUDIED
SOW NUTRITION, SELENIUM DEFICIENCY PROBLEMS DISCUSSED
BABY PIG NUTRITION DISCUSSED DURING PORK CONGRESS SESSIONS
WHEAT FOR SWINE
PROTEIN LEVELS
EARLY WEANED PIGS NEED MILK PRODUCTS IN DIETS
POTENTIAL FOR EXTRA PROFIT IN EXTENDED FEEDING ANALYZED
HIGH LYSINE CORN ECONOMICS DISCUSSED AT PORK CONGRESS
MONTANA NUTRITION CONFERENCE EMPHASIZES WINTER NUTRITION OF B
RATIONS FOR YOUNG WEANED PIGS EVALUATED BY CAROLINIANS
DEFICIENT AMINO ACIDS OF GRAIN SORGHUM IN PIG DIETS ASSESSED
RECENT SWINE, RUMINANT WORK REVIEWED AT PFIZER CONFERENCE
CUTTING COSTS IN SOW GESTATING, LACTATING RATIONS EVALUATED
LYSINE IN TRITICALE RATIONS
MOLDY CORN FOR HOGS

CT INDEX
1973

	.....JUN 04	P.	17
	.....JUN 11	P.	12
	.....JUN 11	P.	12
	.....JUN 18	P.	16
	.....AUG 06	P.	12
	.....AUG 06	P.	14
	.....SEP 10	P.	19
ON COSTS	.....SEP 10	P.	71
INTENTIONS UP 6%	.....JAN 01	P.	1
FEEDING PICTURE IN 1973	.....JAN 01	P.	26
YEAR AGO; USDA	.....FEB 05	P.	2
TIONS UP 5%	.....MAR 26	P.	1
	.....MAR 26	P.	4
	.....APR 02	P.	4
	.....APR 16	P.	25
	.....MAY 07	P.	22
D	.....JUN 25	P.	1
	.....JUL 02	P.	5
	.....AUG 20	P.	12
	.....SEP 17	P.	14
ME AS YEAR AGO	.....SEP 24	P.	1
PORT	.....OCT 08	P.	5
	.....DEC 03	P.	1
EAR AGO	.....DEC 24	P.	1
	.....DEC 24	P.	11
BTS	.....JAN 22	P.	18
	.....JAN 22	P.	18
	.....JAN 29	P.	16
	.....JAN 29	P.	19
	.....FEB 05	P.	22
	.....FEB 12	P.	16
	.....FEB 12	P.	18
OURCES FOR PIGS	.....FEB 19	P.	24
	.....FEB 26	P.	18
	.....MAR 05	P.	14
	.....MAR 05	P.	14
	.....MAR 05	P.	15
	.....MAR 12	P.	20
	.....MAR 12	P.	23
IED	.....MAR 12	P.	27
	.....MAR 19	P.	20
	.....APR 02	P.	12
	.....APR 02	P.	13
	.....APR 02	P.	13
	.....APR 09	P.	16
	.....APR 16	P.	12
	.....APR 23	P.	13
F BEEF COWS AND FEEDLOT CATTLE	.....APR 23	P.	34
	.....APR 30	P.	14
ED	.....MAY 07	P.	18
	.....MAY 14	P.	4
D	.....MAY 14	P.	14
	.....MAY 28	P.	14
	.....MAY 28	P.	14

NUMERIOUS PROTEINS PERFORM WELL ON EARLY WEANED PIGS
SUGAR IN FEEDS
ANTIBIOTICS TESTS
USE OF TRANQUILIZERS AND ANTI-STRESS AGENTS IN SWINE NUTRITION
PRODUCERS ADVISED ON REDUCING PROTEIN COSTS
CORN MORE DIGESTIBLE THAN SORGHUMS IN PIG RATIONS
HIGH MOISTURE GRAIN FOR PIGS FOUND SIMILAR TO DRY GRAIN
WHY THE DIFFERENCE?
BRITISH ANIMAL SOCIETY DISCUSSES SWINE DIGESTION, REPRODUCTION
UTILIZATION OF DRIED WHEY BY GROWING-FINISHING SWINE
FISH MEAL FOUND TO ALLEVIATE SWINE SELENIUM DEFICIENCY
CUTTING SOYBEAN MEAL USE IN PIG RATIONS DISCUSSED
HOG DIETS MEETING AMINO ACID CRITERIA COMPUTED
PIG SURVIVAL STUDIED
FEEDING OATS
ARKANSAS SCIENTISTS REDUCE SOY MEAL IN PIG RATIONS
RESEARCH PRESENTED ON HIGH LYSINE CORN IN RATIONS
TALLOW IN HOG FEED REDUCES FEED INTAKE BUT ENERGY FOR GAIN HUR
BABY PIG DIETS
SINGLE-CELL PROTEIN
ACID TREATED GRAIN TESTED
PROTEIN LEVELS TESTED
SELENIUM DEFICIENCY IN SWINE PRODUCTION
ACID-PRESERVED BEANS
AMINO ACID TESTS
REDUCED PROTEIN LEVELS
COMMON SENSE APPROACH TO SWINE NUTRITION STRESSED
ALFALFA PROTEIN CONCENTRATE: A NEW PROTEIN SUPPLEMENT FOR SWI
MINERALS OFTEN MISUSED IN SWINE RATIONS: RESEARCHER

TAXES
TEXANS ASSESS GRAIN SUPPLY, IRS RULING ON PREPAID FEED
TREND AWAY FROM TAXING FEED FOR POULTRY, EGG PRODUCTION SEEN
COURT SUPPORTS FEEDER-PACKER'S ACCOUNTING

TETANY
GRASS TETANY IN CAROLINA

TRACE MINERALS
TRACE MINERALS IN FOOD: NUTRITIONAL-TOXICOLOGICAL PROBLEMS
POLYSACCHARIDES TESTED
TRACE MINERALS STUDY

TRANSPORTATION
TRANSPORTATION SHORTAGES FORECAST FOR EARLY 1973; LATE HARVEST
NGFA SEEKS BETTER RAIL CAR USE
2% RAIL FREIGHT SURCHARGE SOUGHT
NORTHEAST INTERESTS PETITION ICC TO REDUCE FREIGHT RATES ON FE
ICC INVESTIGATION OF FREIGHT RATES ASKED
PORTS' CAPACITY, DIESEL FUEL SHORTAGE CUTTING FREIGHT CAR AVAI
IOWA ECONOMIST, TRANSPORTATION SPECIALIST PREDICT CONTINUED RA
RAIL CAR SHORTAGE HINDERS MOVEMENT OF SURPLUS OATS
ICC MOVES TO FREE GRAIN CARS
AFMA: RAIL CAR SHORTAGES IN CORN BELT INTERFERING WITH SOME F
SOUTHEASTERN PRAISES TWO RAIL CARRIERS
TRANSPORT CRUNCH MAY RUN INTO 1974, RAILROADS AND SHIPPERS SAY
SENATE RESOLUTION AIMED AT RELIEVING RAIL CAR PROBLEMS
BARGE MISHAP CUTS DELMARVA SUPPLY LINE

T INDEX
973

	.....MAY 28 P. 14
	.....MAY 28 P. 14
	.....JUN 04 P. 17
ION	.....JUN 04 P. 28
	.....JUN 11 P. 12
	.....JUN 18 P. 16
	.....JUL 02 P. 23
	.....JUL 09 P. 14
ION, CROSS BREEDING	.....JUL 16 P. 36
	.....JUL 23 P. 25
	.....AUG 06 P. 12
	.....AUG 20 P. 4
	.....SEP 03 P. 4
	.....SEP 03 P. 14
	.....SEP 03 P. 14
	.....SEP 10 P. 18
	.....SEP 24 P. 12
HURT	.....OCT 08 P. 5
	.....OCT 22 P. 13
	.....OCT 29 P. 41
	.....NOV 05 P. 16
	.....NOV 05 P. 16
	.....NOV 12 P. 30
	.....NOV 26 P. 45
	.....DEC 03 P. 15
	.....DEC 03 P. 15
	.....DEC 10 P. 12
SWINE	.....DEC 10 P. 24
	.....DEC 17 P. 13
	.....NOV 26 P. 8
N	.....NOV 26 P. 10
	.....DEC 10 P. 52
	.....MAY 14 P. 18
	.....MAR 26 P. 30
	.....JUL 23 P. 20
	.....AUG 06 P. 25
EST EASES TRADITIONAL LOGJAM	.....JAN 01 P. 7
	.....JAN 15 P. 36
	.....JAN 29 P. 6
FEED GRAINS	.....FEB 05 P. 4
	.....FEB 05 P. 4
VAILABILITY: WEIR	.....FEB 05 P. 9
RAIL, HANDLING PROBLEMS INTO SUMMER	.....FEB 05 P. 9
	.....FEB 05 P. 38
	.....FEB 05 P. 81
E FEED PRODUCTION	.....FEB 12 P. 1
	.....FEB 12 P. 6
SAY	.....FEB 26 P. 1
	.....FEB 26 P. 5
	.....FEB 26 P. 71

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

GRAIN EXCHANGE OFFICIAL: RAIL SITUATION 'CRITICAL'
MARKET OUTLOOK, CONSUMER CONCERNS, DRUG & TRANSPORTATION PROBL
TRANSPORTATION PROBLEMS AIRED AT NGFA MEETING
MORE U.S. INVOLVEMENT URGED TO IMPROVE RAILS

SOME ROADS PLAN TO SEEK RATE HIKE
NGFA PETITIONS ICC TO RECONSIDER RECENT RULING
ICC REVISES ORDER, REINSTATES 48 HOUR RAIL CAR FREE TIME

TRADE HAS DOUBTS ABOUT NORTHEAST RAIL REORGANIZATION PLAN
FLOODS CRIPPLE RIVER NAVIGATION, BUT CCC STARTS WHEAT TRANSPOR
ST. LAWRENCE SEAWAY OPENS AT EARLIEST DATE EVER

CONGRESS ASKED TO CHANGE BARGE SHIPPING LAWS
AG SUPPORT OF RAILROADS DEFENDED
ICC SETS DEADLINE ON RAILROAD FREIGHT INCREASE OPINIONS

ELEVATOR VS. RAILROADS: SITE RENTALS
ADMINISTRATION PROPOSES PLAN TO STREAMLINE NORTHEAST RAIL SYST
MISSISSIPPI RIVER BARGE MOVEMENT IMPROVES AS FLOODWATERS RECED

RAILROADS, SHIPPERS MUST COOPERATE ON PROBLEMS
IOWANS PREDICT CONTINUED GRAIN SHIPPING PROBLEMS
GRAIN INDUSTRY FINANCIAL PROBLEM NEEDS 'INDUSTRY-WIDE' SOLUTIO

OKLAHOMA GRAIN TO BE AIDED BY RAILROAD
RAILROADS FILING TARIFFS WITH 5% RATE INCREASE
OPPOSES TERMINAL OWNERSHIP OF BARGES

CAR COVERS
HOPPER CARS LEASED TO CO-OPS
BETTER UTILIZATION ANSWER TO RAIL WOES, FEED MEN TOLD

COST OF LEASING RAIL HOPPER CARS
ICC ANNOUNCES INVESTIGATION OF CARRIER RATE BUREAU PRACTICES
COMPARING LEASING VERSUS BUYING RAIL HOPPER CARS

RAPESEED MEAL, OIL FREIGHT RATE REDUCTION GAINED
INVESTIGATION OF LAKE-RAIL ROUTES ORDERED BY ICC
PENNAG SPECIAL METTING HEARS BOTH SIDES OF RAILROAD CONFLICTS

WSU TO STUDY NEEDS OF AG TRANSPORTATION
BETTER USE OF EQUIPMENT, MORE COOPERATIVE EFFORT CITED AS SOLU
TRANSPORTATION SHORTAGES TO CONTINUE THROUGH 1974, GRAIN MEN,

MILWAUKEE ROAD ADDS 500 CARS, BUT STILL FORSEES CAR SHORTAGE
ICC GRANTS RATE INCREASES TO MOST RAILROADS
MORE INTENSIVE USE OF WATER TRANSPORTATION CALLED FOR

HOUSE SUBCOMMITTEE REPORTS OUT BILL TO REORGANIZE SIX RAILROAD
FREIGHT GROUP POSTPONES RULING ON CAR SWITCHING
USDA TO IDENTIFY AREAS IN NEED OF RAIL EQUIPMENT

ICC OUTLINES STEPS FOR PENN CENTRAL REORGANIZATION
PENNAG CALLS FOR CONTINUED RAIL SERVICE
ICC CONSIDERS NEW SYSTEM OF CAR DISTRIBUTION

VERMONT FEED MEN HEAR ABOUT TRANSPORTATION OUTLOOK, NPN
HOUSE VOTES REORGANIZATION OF NORTHEAST RAILS
U.S. TRANSPORTATION SYSTEM SEEN ABLE TO HANDLE GRAIN EXPORTS W
GRAIN TRANSPORTATION STUDY FAVORS COORDINATED UNIT TRAIN SYSTE
CONTROLLING TRUCK COSTS
NEW NORTHEAST AG GROUP SEEKS RAIL RATE CHANGE

BUFFALO MILLERS ASK RAIL RATE SUSPENSION
IMPORT-EXPORT RATE DECISION ISSUED BY ICC
ISU DESIGNS 1980 MODEL TRANSPORTATION SYSTEM

HEAVY DEMAND TO MOVE COMMODITIES, FEED KEEPING PRESSURE ON TRA

TRITICALE

TRITICALE IN DAIRY CATTLE RATIONS
TEXANS MORE OPTIMISTIC ABOUT FUTURE OF TRITICALE

TURKEY HEALTH

T INDEX
973

	.....MAR 05 P.	3
OBLEMS DISCUSSED	.....MAR 05 P.	4
	.....MAR 12 P.	9
	.....MAR 19 P.	1
	.....MAR 19 P.	2
	.....MAR 26 P.	6
	.....APR 02 P.	2
	.....APR 02 P.	2
PORT TO VIRGINIA	.....APR 09 P.	6
	.....APR 09 P.	62
	.....APR 16 P.	44
	.....APR 30 P.	9
	.....MAY 14 P.	6
	.....MAY 21 P.	70
YSTEM	.....JUN 04 P.	1
CEDE	.....JUN 04 P.	6
	.....JUN 04 P.	6
	.....JUN 11 P.	28
TION	.....JUN 11 P.	46
	.....JUN 18 P.	2
	.....JUN 18 P.	2
	.....JUN 18 P.	5
	.....JUN 25 P.	7
	.....JUN 25 P.	42
	.....JUL 09 P.	5
	.....JUL 09 P.	28
S	.....JUL 16 P.	12
	.....JUL 16 P.	26
	.....JUL 16 P.	52
	.....JUL 30 P.	72
TS	.....AUG 13 P.	4
	.....AUG 20 P.	29
OLUTIONS TO RAIL PROBLEMS	.....AUG 27 P.	2
N, RAILROADS SAY	.....SEP 03 P.	1
E	.....SEP 10 P.	8
	.....SEP 24 P.	2
	.....SEP 24 P.	52
OADS	.....OCT 01 P.	4
	.....OCT 01 P.	60
	.....OCT 01 P.	67
	.....OCT 08 P.	7
	.....OCT 15 P.	4
	.....OCT 29 P.	2
	.....OCT 29 P.	4
	.....NOV 19 P.	48
S WITH FEWER PROBLEMS	.....NOV 26 P.	8
STEM	.....NOV 26 P.	11
	.....NOV 26 P.	23
	.....DEC 03 P.	1
	.....DEC 10 P.	32
	.....DEC 10 P.	40
	.....DEC 24 P.	10
TRANSPORTATION	.....DEC 31 P.	6
	.....FEB 19 P.	38
	.....OCT 22 P.	29

TURKEY SANITATION PROGRAM
NTF WORKSHOPS COVER DISEASE CONTROL, PRODUCTION TECHNIQUES
NORTH DAKOTA FREE OF PULLORUM, TYPHOID

TURKEY INDUSTRY
TURKEY INDUSTRY MAY REACH FOR NEW RECORD IN PRODUCTION
HIGH FEED COSTS CURTAIL TURKEY PRODUCTION, MARKET PLANS
SHEFREN URGES YEAR-ROUND TURKEY PRODUCTION, PROCESSING
TURKEYMEN COULD ESCAPE BRUNT OF HIGH FEED COSTS: USDA
1973 POULTRY, EGG OUTLOOK IS FAVORABLE: USDA'S CATHCART
PEIA TURKEY STORAGE INVENTORY FIGURES SHOW DROP IN TOTAL HEN,
SOUTHEAST SAID FASTEST GROWING TURKEY AREA
WIND-DRIVEN SNOW STORM KILLS THOUSANDS OF CALVES, HURTS EFFORT
PRODUCER FEARS LEADING TO REDUCED POULTRY, EGG OUTPUT
TURKEY INDUSTRY LOOKS FOR 'REASONABLE PROFITS' IN COMING MONTH
GROSS INCOME FROM POULTRY IN 1972 UP FROM YEAR BEFORE
HIGHER PRODUCTION COSTS LIKELY TO OFFSET POULTRY PRICE INCREAS
ABOVE-AVERAGE TURKEY PRICES SEEN
OVER-ALL PRODUCTION COSTS UP 16% FROM LAST YEAR
TURKEYS IN FRANCE
HIGHER TURKEY PRICES FAIL TO ENCOURAGE EXPANSION
USDA TURKEY INDUSTRY REPORT FORECASTS 26% RISE IN TOTAL CONSUM
BROILER, TURKEY MEAT, EGGS ALL INCREASING
EFFECT OF TURKEY PRICES ON RETAIL SALES UNCERTAIN
HIGH POULTRY PRICES SET STAGE FOR 1974 EXPANSION
STRONG POULTRY, EGG PRICES OFFSET HIGHER FEED COSTS
TEXAS ENTRY WINS 'GOBBLER GALLOP'
HIGHER TURKEY BREEDING STOCK PRICES SEEN
STEADY TURKEY MARKET SEEN THROUGH CHRISTMAS
AFMA POULTRY COMMITTEE ISSUES '74 PRICE FORECAST
POULTRY VOLUME TO EXPAND UNLESS SHORTAGES CUT PLANS

TURKEY MANAGEMENT
REDUCING FEATHER LITTER
ANTIBIOTIC EGG DIPPING
NTF WORKSHOPS COVER DISEASE CONTROL, PRODUCTION TECHNIQUES
TURKEY BREAST BLISTER REMOVAL OFTEN UNNECESSARY, SAYS MINER
TURKEY BREEDER STOCK GRADING NEEDED IMMEDIATELY: POTTER
OFF-SEASON EGG PRODUCTION
CATTLE MANAGEMENT
TURKEY INSEMINATION
TURKEY PRODUCTION COSTS
FROZEN TURKEY SEMEN
TURKEY RESEARCH
MISSOURI TURKEY BREEDER SURVEY RESULTS REPORTED

TURKEY MARKETING
TURKEY LEAFLETS
EARLY VS. LATE TURKEY MARKETING
TURKEY COOKERY SEMINAR
NTF RAISES $96,460 IN STATE CONTRIBUTIONS
EASTERN TURKEY MEN HEAR ABOUT FEED SITUATION, TURKEY PRICING
USDA SUSPENDS ANNUAL, QUARTERLY MARKETING GUIDES
TURKEY PROMOTION BUFFET
TURKEY CHECK-OFF
TURKEY CONSUMPTION
POULTRY GROUPS OUTLINE BUDGETS
TURKEY GETS PUBLICITY

T INDEX
973

	.....JAN 15 P. 19
	.....JAN 29 P. 9
	.....JUN 18 P. 39
	.....JAN 01 P. 8
	.....JAN 08 P. 1
	.....JAN 08 P. 23
	.....JAN 22 P. 7
	.....FEB 26 P. 1
N, TOM HOLDINGS	.....FEB 26 P. 6
	.....APR 09 P. 46
ORT TO EXPAND HERD	.....APR 16 P. 4
	.....APR 23 P. 2
NTHS	.....APR 23 P. 7
	.....APR 23 P. 7
EASES	.....JUL 02 P. 1
	.....JUL 16 P. 1
	.....JUL 16 P. 18
	.....JUL 16 P. 20
	.....JUL 30 P. 7
SUMPTION BY 1980	.....AUG 06 P. 7
	.....SEP 24 P. 1
	.....OCT 01 P. 6
	.....OCT 08 P. 1
	.....OCT 08 P. 6
	.....OCT 08 P. 6
	.....OCT 08 P. 19
	.....NOV 12 P. 1
	.....DEC 24 P. 1
	.....DEC 31 P. 8
	.....JAN 08 P. 29
	.....JAN 22 P. 17
	.....JAN 29 P. 9
	.....JAN 29 P. 27
	.....FEB 12 P. 6
	.....MAR 19 P. 16
	.....MAR 19 P. 17
	.....APR 09 P. 25
	.....MAY 07 P. 42
	.....MAY 14 P. 22
	.....MAY 21 P. 38
	.....OCT 15 P. 25
	.....JAN 08 P. 29
	.....JAN 08 P. 33
	.....JAN 22 P. 17
	.....JAN 29 P. 52
G	.....MAR 19 P. 8
	.....MAY 07 P. 10
	.....MAY 07 P. 48
	.....JUN 25 P. 71
	.....AUG 20 P. 23
	.....DEC 03 P. 23
	.....DEC 10 P. 22

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 197

TURKEY NUMBERS

USDA ECONOMIST LISTS FACTORS DOMINATING LIVESTOCK, POULTRY FEE
REDUCE OUTPUT IN SECOND HALF BY 3%, TURKEYMEN ADVISED
TURKEY GROWERS' INTENTIONS SHOW 4% HIKE IN 1973
EGG-TYPE CHICK, POULT HATCHINGS BOTH UP, BROILER-TYPE HATCHING
TURKEY BREEDER REPLACEMENTS UP
USDA SEES STRONG POULTRY PRICES AHEAD
BROILER CHICK OUTPUT DOWN, EGG-TYPE, POULT HATCHES UP
USDA RECOMMENDS 1% HIKE IN 1973 TURKEY PRODUCTION
NTF REPORTS ON PRIMARY BREEDERS
EGG, BROILER, TURKEY OUTPUT OFF IN FEBRUARY
1972 TURKEY PRODUCTION IN U.S. UP 7% FROM YEAR EARLIER
BREAKDOWN OF 1972 TURKEY OUTPUT SHOWN
NTF: BREEDER DELIVERIES DOWN
HIGH FEED COSTS WILL OFFSET POULTRY, EGG PRICES: AFMA SURVEY
USDA PROJECTS POULTRY, EGG OUTPUT THROUGH 1985
1972 BROILER, TURKEY HATCHERY PRODUCTION UP, EGG-TYPE DOWN
TURKEY EGG, POULT REPLACEMENTS DOWN
CALIFORNIA SALES OF CATTLE, MILK PRODUCTS TO JUMP IN 1973
CATTLE, HOG SUPPLIES DEVELOPING SLOWER THAN EXPECTED; POULTRY
APRIL TURKEY FLOCK REPLACEMENTS DOWN
FEED COSTS SAID CONTRIBUTING TO REDUCED POULTRY, EGG OUTPUT
APRIL BROILER, EGG-TYPE CHICK PRODUCTION DOWN SLIGHTLY FROM 19
LOWER OUTPUT, HIGHER PRICES SEEN FOR EGGS, BROILERS, TURKEYS
MAY EGG OUTPUT 3% BELOW YEAR AGO
MAY TURKEY PLACEMENTS DOWN
DELIVERY OF LIGHT BREED TURKEYS UP
JUNE EGG OUTPUT LOWEST SINCE 1963; LAYERS DOWN
LAYER FLOCK DOWN 6% FROM 1972; BROILER CHICK HATCH OFF
JULY PLACEMENTS UP, SAYS NTF
TURKEY OUTPUT EXPECTED TO BE 2% HIGHER IN '73
TURKEY DELIVERIES DOWN IN AUGUST
SEPT. 1 LAYER FLOCK DOWN 5%, AUGUST EGG OUTPUT DOWN 6% FROM YE
LAYING FLOCK OFF AGAIN; BROILER PLACEMENTS UP
TURKEY REPLACEMENTS UP FOR SEPTEMBER
USDA REPORTS LAYER, BROILERS, POULT NUMBERS
TURKEY REPLACEMENTS AHEAD OF LAST YEAR
USDA SEES MODERATE 1974 EXPANSION IN POULTRY OUTPUT
LOWER FEED COSTS OFFSET BY DECLINE IN BROILER, EGG PRICES; TUR
HEAVY TURKEY PLACEMENTS UP
LAYING FLOCK NUMBERS OFF, BROILER CHICK PRODUCTION UP

TURKEY NUTRITION

ROASTED SOYBEANS IN GROWING AND FINISHING DIETS FOR LARGE TURK
TURKEY BREAST BLISTER REMOVAL OFTEN UNNECESSARY, SAYS MINER
USEFUL TABLES FOR DIET FORMULATION
HOW TO BEAT THE COST OF HIGH PROTEIN CONCENTRATES BY REDUCING
GENETIC STRAIN RESEARCH
LITTLE DIFFERENCE IN CORN, WHEAT, MILO TURKEY RATIONS, SAYS OR
NEBRASKA NUTRITIONIST SUGGESTS WAYS TO EASE HIGH FEED COSTS AT
UTILIZATION OF PROTEIN SUPPLEMENTS TO MINIMIZE TURKEY FEED COS
NEW DEVELOPMENTS IN POULTRY NUTRITION
TURKEY DIET STUDY
YOUNG TURKEY DIET RESEARCH
YOUNG TURKEY DIET STUDY
POULT DIET EXPERIMENTS
PHOSPHORUS SUPPLEMENTATION

T INDEX
973

FEEDING PICTURE IN 1973 .....JAN 01 P. 26
.....JAN 15 P. 1
.....JAN 15 P. 1
INGS DOWN .....JAN 22 P. 6
.....JAN 29 P. 34
.....FEB 12 P. 1
.....FEB 19 P. 6
.....FEB 19 P. 6
.....FEB 19 P. 7
.....MAR 19 P. 2
.....MAR 19 P. 8
.....MAR 26 P. 7
.....MAR 26 P. 7
EY COMMITTEE .....APR 02 P. 1
.....APR 09 P. 34
.....APR 09 P. 40
.....APR 16 P. 52
.....MAY 07 P. 90
RY OUTPUT LESS CERTAIN .....MAY 14 P. 4
.....MAY 14 P. 7
.....MAY 14 P. 19
1972 .....MAY 28 P. 2
S .....JUN 25 P. 1
.....JUN 25 P. 6
.....JUN 25 P. 6
.....JUL 16 P. 7
.....JUL 23 P. 6
.....AUG 20 P. 6
.....AUG 20 P. 7
.....SEP 03 P. 6
.....SEP 10 P. 6
YEAR AGO .....SEP 24 P. 7
.....OCT 22 P. 1
.....NOV 05 P. 6
.....NOV 19 P. 1
.....NOV 19 P. 6
.....NOV 29 P. 5
TURKEY PRICES STRONG .....DEC 10 P. 6
.....DEC 10 P. 7
.....DEC 24 P. 5

URKEYS .....JAN 08 P. 30
R .....JAN 29 P. 27
.....JAN 29 P. 42
NG PROTEIN LEVELS IN GROWER RATIONS .....FEB 19 P. 30
.....MAR 05 P. 21
OREGON RESEARCHER .....MAR 12 P. 10
AT TURKEY MEETING .....MAR 12 P. 10
COSTS .....APR 09 P. 33
.....APR 16 P. 34
.....APR 23 P. 20
.....APR 30 P. 24
.....MAY 07 P. 38
.....MAY 07 P. 38
.....MAY 07 P. 41

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

TURKEY DIET EXPERIMENTS
GROWING TURKEYS DIET STUDY
BRITISH SCIENTIST DISCUSSES 'PROTECTING' PROTEINS, FATS: RUMI
TURKEY PROTEIN REQUIREMENTS REPORTED BY UTAH RESEARCHER
TURKEY PROTEIN REQUIREMENTS REPORTED BY UTAH RESEARCHER
MINERAL INTERACTIONS
FIELD PROBLEMS IN TURKEY NUTRITION
MOLDY GRAIN AND CANNIBALISM
COUCH REVIEWS IMPORTANCE OF UGFS AT CONFERENCE
AMINO ACID RESEARCH
TEMPERATURE-PROGRAMMED FEEDING SCHEDULES & OTHER MEANS OF CONS
TURKEY AMINO ACID, ENERGY LEVELS DISCUSSED AT NUTRITION CONFER
TURKEY RATION PROTEIN ALTERNATIVES DISCUSSED
REVIEW OF LATEST DEVELOPMENTS IN POULTRY NUTRITION AND RELATED
CASSAVA IN TURKEY RATIONS

TURKEY PROCESSING
COLOR CONTROL IN TURKEY MEAT SAID IMPORTANT
USDA DEVELOPS IMPROVED TURKEY BONING METHODS

UNIDENTIFIED FACTORS
UNIDENTIFIED GROWTH FACTORS

UNIVERSITIES
SCHOLARSHIP
OKLAHOMA PORK GROUP FUNDS OSU RESEARCH
KANSAS STATE PLANS FEED SHORT COURSE
OFFICIAL GREETING
TEXANS ORGANIZE POULTRY ADVISORY RESEARCH GROUP
IOWA STATE SEARCHING FOR DEPARTMENT HEAD
FLORIDA ESTABLISHES NEW MASTERS AG PROGRAM
STUDENT LOAN FUND ESTABLISHED AT FLORIDA
ARKANSAS WINS COLLEGIATE POULTRY JUDGING CONTEST
FEEDLOT STUDENTS LEARN FIRSTHAND
STUDENTS MAKE MODEL FROM COW'S RUMEN
KSU TO ADD FOOD SCIENCE PROGRAM
TOP FEED STUDENT
FORD GRANTS TO CONNECTICUT
ELORA BEEF CENTER
FEED, MILLING, BAKING SCHOLARSHIPS PROVIDED
NEW LIVESTOCK CENTER BEGUN IN BAHAMAS
NEW AGRICULTURE PROGRAM OFFERED
GEORGIA TO ESTABLISH VETERINARY STATION
SOUTHERN POULTRY WORKSHOP HELD
ILLINOIS TEAM WINS 4-H POULTRY CONTEST
KANSAS FORMULA FEED CONFERENCE PROGRAM SET

VACCINATION
PROPER VACCINE USE TO BE DEMONSTRATED

VIEWPOINT
FEEDSTUFFS HAS BIG HAND IN APPLAUDING CENTURY TWO
BOB BROWN GETS A LITTLE HELP FROM WINTER WEARY COHORTS
A ONCE-POPULAR PHRASE COULD INSPIRE SOME NEW "SELL" IDEAS
OFFICIAL OR NOT, AG DAY ARRIVES WITH SPRING OF '73
SOME GROUP THERAPY MIGHT EASE EPIDEMIC OF PROBLEMS
NAMEMANSHIP THREATENS TO BECOME AS BIG A GAME AS GAMEMANSHIP
PRICE FREEZE THREATENS MAJOR DAMAGE TO NATION'S FOOD PIPELINE

INDEX
73

	.....MAY 07 P. 41
	.....MAY 07 P. 45
MINANT, POULTRY NUTRITION HIGHLIGHTED	.....MAY 07 P. 69
	.....MAY 07 P. 73
	.....MAY 07 P. 73
	.....MAY 14 P. 22
	.....MAY 14 P. 28
	.....MAY 21 P. 35
	.....MAY 28 P. 22
	.....JUN 18 P. 23
NSERVING PROTEIN IN MARKET TURKEY PRODUCTION	.....JUL 02 P. 27
ERENCE	.....SEP 24 P. 7
	.....OCT 01 P. 7
ED FIELDS	.....OCT 15 P. 36
	.....NOV 12 P. 25
	.....JAN 22 P. 7
	.....OCT 29 P. 24
	.....MAY 21 P. 39
	.....JAN 08 P. 13
	.....JAN 08 P. 54
	.....JAN 15 P. 27
	.....JAN 29 P. 61
	.....FEB 05 P. 40
	.....FEB 05 P. 50
	.....FEB 26 P. 44
	.....APR 09 P. 74
	.....MAY 07 P. 74
	.....MAY 21 P. 49
	.....MAY 28 P. 36
	.....JUN 04 P. 34
	.....JUN 25 P. 2
	.....JUN 25 P. 46
	.....JUL 09 P. 19
	.....AUG 13 P. 29
	.....AUG 20 P. 16
	.....OCT 29 P. 53
	.....NOV 19 P. 12
	.....DEC 10 P. 23
	.....DEC 17 P. 13
	.....DEC 24 P. 2
	.....JAN 15 P. 6
	.....JAN 01 P. 35
	.....JAN 29 P. 84
	.....FEB 26 P. 77
	.....MAR 26 P. 57
	.....MAY 07 P. 126
	.....JUN 04 P. 53
NE	.....JUL 02 P. 48

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

WE'RE PROUD TO SAY WE NOW KNOW MORE ABOUT WHO READS OUR PAPER
EVEN IF YOU'VE HAD A FULL SUMMER, SEPTEMBER IS SPECIAL
CONVICTIONS, QUESTIONS SPELL OUT WORLD TRADE POLICY ISSUES
CAST REELS IN MORE QUESTIONS THAN IT'S LINES COULD HANDLE
THREE PAIR OFFERED AS SOME KIND OF WINNER IN CONFUSING GAME

VITAMINS
VITAMIN B-12 ANNIVERSARY
VITAMIN D: A REVIEW OF ITS FORMS, STABILITY, AVAILABILITY AND

WASTE MANAGEMENT & RECYCLING
TOTAL RECYCLING OF POULTRY MANURE STUDIED
FORMAT DEVELOPED FOR USE IN STUDYING POULTRY MANURE WASTE HAND
BROILER LITTER SILAGE FOR FATTENING BEEF ANIMALS
AUSTRALIAN STUDY SHOWS VALUE OF DRIED POULTRY WASTE IN CHICK S
PROTEIN PRODUCED FROM FREEZING WORKS WASTE
MISSOURI COMPARES COSTS OF TWO WASTE DISPOSAL SYSTEMS
RECYCLING ANIMAL WASTES
RESEARCHERS DEVELOP SYSTEM TO CONVERT GARBAGE TO FEED
FOOD WASTE MAKES HIGH ENERGY SWINE DIET
PACKING HOUSE WASTE
RECYCLING ANIMAL WASTES
FEED ADDITIVE RESIDUES IN ANIMAL MANURE PROCESSED FOR FEED
PLOWING UNDER, CROPPING SOIL SAID BEST WAY TO HANDLE POULTRY M
VALUE OF POULTRY WASTE FOR RUMINANTS VERIFIED
VALUE OF DRIED CATTLE MANURE AS A FEEDSTUFF FOR POULTRY
STUDY SHOWS RECYCLING NOT A CURE-ALL FOR WASTE DISPOSAL
INORGANIC SULFUR IS MOST EFFECTIVE IN DAIRY RATIONS
DIGESTIBILITY OF PROCESSED FEEDLOT MANURE
SPEAKER DOUBTS VALUE OF POULTRY WASTE AS FEED
POULTRY MANURE CUTS DAIRY FEED COSTS: USDA
FEEDING POULTRY WASTES
ENGINEERS REPORT SYSTEM COMBINING BOTH WASTE REMOVAL AND IRRIG
RECYCLING POULTRY MANURE
PENNSYLVANIA TEST SHOWS ANIMAL, CROP WASTES ARE ECONOMICAL FEE
RESEARCHERS STUDY LIQUID POULTRY WASTE SYSTEM
EFFORTS MADE TO RECYCLE SWINE WASTE AS FEED
RUNOFF SAID NOT TO HARM GROUNDWATER
CERES BEGINS FEEDING PROCESSED MANURE IN LOT
NUTRITIONAL POTENTIAL FOR RECYCLING WASTES REPORTED AT SCIENCE
BUILDING PRODUCT
FEEDING POULTRY WASTE
TIPS ON HANDLING POULTRY MANURE IN DEEP PIT CAGE HOUSES OFFERE
INCREASED USE OF DRIED POULTRY WASTE IN FEED SEEN
MANURE-FEED CALLED 'EXOCITC' BUT GIVES INCREASED GAINS
DRY POULTRY MANURE
INDUSTRIAL WASTE AS FEED
VALUE OF ANIMAL WASTES COVERED AT ANRC EVENT
MICROBIOLOGICAL FACTORS CAUSE GE PROJECT DELAY
RENEWED INTEREST SEEN IN CONVERTING ANIMAL, OTHER WASTES TO ME

WEIGHING
IOWA STATE UNIVERSITY INTRODUCES NEW FARM SCALES

WHEAT
MORE DOMESTIC USE OF WHEAT FOR ANIMAL FEEDING PREDICTED BY USD
FEASIBILITY OF PROTEIN DETERMINATION OF WHEAT BY CAPTURE GAMMA
USDA FORECASTS RECORD WHEAT CROP FOR 1973

T INDEX
973
ER .....AUG 06 P. 54
.....SEP 03 P. 46
.....OCT 08 P. 48
.....NOV 05 P. 50
.....DEC 03 P. 44

.....JAN 29 P. 62
AND ACTION .....APR 16 P. 30

.....JAN 08 P. 24
ANDLING PROBLEMS .....JAN 08 P. 28
.....JAN 15 P. 25
K STARTER RATIONS .....FEB 26 P. 50
.....FEB 26 P. 58
.....MAR 05 P. 16
.....MAR 05 P. 32
.....MAR 05 P. 47
.....MAR 12 P. 20
.....MAR 19 P. 19
.....MAR 19 P. 31
.....APR 23 P. 32
Y MANURE .....MAY 28 P. 35
.....JUN 04 P. 18
.....JUN 11 P. 22
.....JUN 25 P. 71
.....JUL 02 P. 20
.....JUL 09 P. 25
.....JUL 09 P. 37
.....JUL 09 P. 38
.....JUL 16 P. 21
RIGATION .....JUL 23 P. 4
.....JUL 30 P. 40
FEED .....AUG 13 P. 25
.....SEP 03 P. 7
.....SEP 03 P. 14
.....SEP 10 P. 61
.....SEP 17 P. 6
NCE MEETING .....SEP 17 P. 6
.....OCT 01 P. 22
.....OCT 01 P. 22
ERED .....OCT 15 P. 30
.....NOV 12 P. 6
.....NOV 12 P. 16
.....NOV 12 P. 25
.....NOV 19 P. 18
.....NOV 26 P. 9
.....DEC 10 P. 4
METHANE GAS .....DEC 31 P. 2

.....FEB 26 P. 47

USDA .....MAR 12 P. 49
MMA-RAY ANALYSIS .....APR 30 P. 30
.....MAY 21 P. 67

FEEDSTUFFS SUBJECT I
FOR ENTIRE YEAR 1973

DEMAND AND CROP PROSPECTS GOOD FOR 1973 WHEAT
1973 CROP WHEAT LOAN RATES ANNOUNCED
RECORD WINTER WHEAT CROP
DESPITE RECORD CROP PROSPECTS, FURTHER WHEAT SUPPLY REDUCTION
BUTZ GIVES DETAILS OF 1974 WHEAT PROGRAM
INCREASED WHEAT USAGE EXPECTED DURING 1973-74
LOWER FEED USE OF WHEAT EXPECTED TO CAUSE ONLY MINOR REDUCTION

WHEY

RESEARCHERS FIND WHEY HELPFUL TO CROP LAND
GROWTH PREDICTED FOR WHEY SOLIDS BUSINESS
NEW PROCESS CONVERTS WHEY TO PROTEIN FEED

T INDEX
973

	.....JUN 04 P. 4
	.....JUN 11 P. 35
	.....JUN 18 P. 37
ON SEEN	.....AUG 13 P. 34
	.....AUG 20 P. 2
	.....NOV 19 P. 43
ION IN TOTAL USAGE	.....DEC 03 P. 5
	.....MAR 26 P. 50
	.....MAY 14 P. 37
	.....AUG 27 P. 4